

GRAIN & FEED JOURNALS

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For Description, see page 175.

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In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

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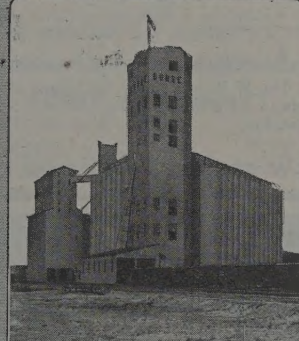
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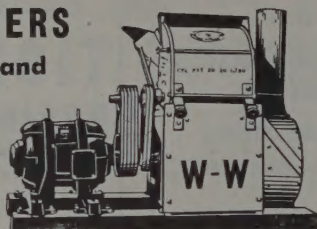
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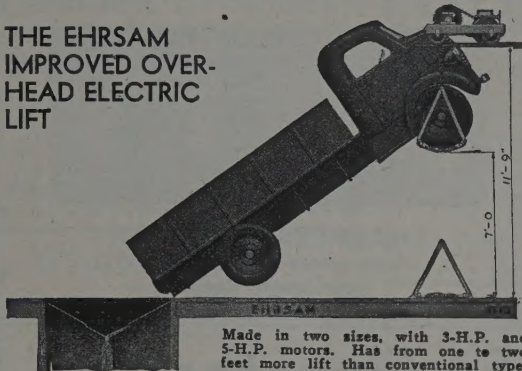
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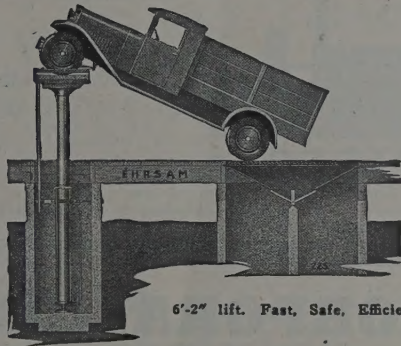
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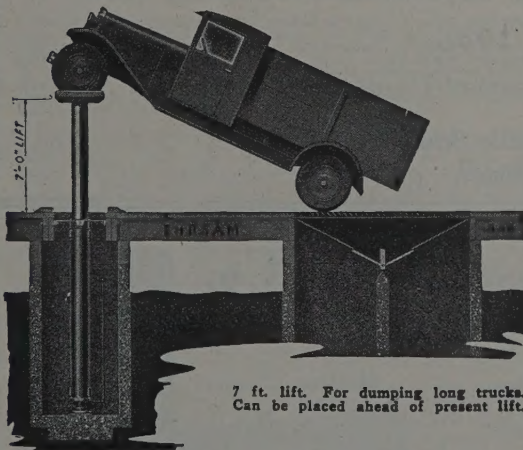
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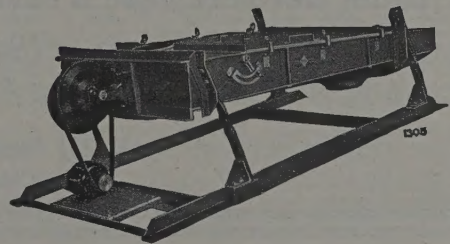
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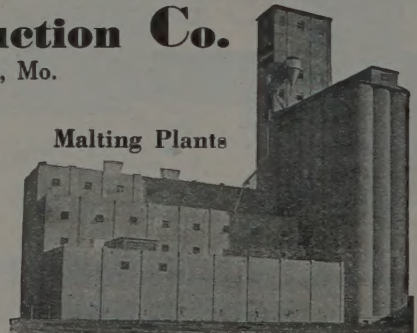
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Grain Receiving Register for recording loads of grain received from farmers. It contains 200 pages of ledger paper $8\frac{1}{2} \times 12\frac{1}{2}$ inches, capacity for 8,200 loads. Some enter loads as received, others assign a page to each farmer, while others assign sections to different grains. Bound in strong board covers, canvas back. Headings of columns are: "Date, Name, Kind of Grain, Gross, Tare, Net, Bushels, Pounds, Price, Amount, Remarks." Weight, $2\frac{1}{4}$ lbs. Order Form 12AA. Price \$2.75, plus postage.

Wagon Loads Received has columns headed: "Month, Day, Name, Kind, Gross and Tare, Net Pounds, Bushels, Pounds, Price, Dollars and Cents, Remarks." Contains 200 pages of ledger paper size $9\frac{1}{4} \times 12$ inches, providing spaces for 4,000 loads. Bound in heavy boards with strong cloth covers and keratol corners and back. Weight, 2 lbs. Order Form 380. Price, \$2.75, plus postage.

Receiving and Stock Book is arranged to keep each kind of grain in separate column so each day's receipts may be easily totaled. It contains 200 pages linen ledger paper size $9\frac{1}{4} \times 12$ inches, ruled for records of 4,000 loads. Well bound in black cloth and keratol back and corners. Shipping weight, $2\frac{1}{4}$ lbs. Order Form 321. Price \$2.75, plus postage.

Grain Receiving Ledger has 200 pages linen ledger paper and 38-page index, $8\frac{1}{4} \times 13\frac{1}{4}$ inches, numbered and ruled for 44 entries. Well bound in pebble cloth with keratol back and corners. Weight, 3 lbs. Order Form 43. Price, \$3.35, plus postage.

Grain Scale Book is designed to assign separate pages to each farmer and their names can be indexed so their accounts can be quickly located. It contains 252 numbered pages and 23-page index, of high grade linen ledger paper $10\frac{1}{4} \times 16\frac{1}{2}$ inches. Each page will accommodate 41 wagonloads. Well bound with heavy board covers with cloth sides and keratol back and corners. Weight, $4\frac{1}{2}$ lbs. Order Form 28. Price \$4.50, plus postage.

Grain & Feed Journals

CONSOLIDATED

327 South La Salle St., Chicago 4, Ill.

Grain Shipping Books

RECORD OF CARS SHIPPED facilitates keeping a complete record of each car of grain shipped from any station, or to any firm. It has the following column headings: Date Sold, Date Shipped, Car Number, Initials, To Whom Sold, Destination, Grain, Grade Sold, Their Inspection, Discount, Amount Freight, Our Weight Bushels, Destination Bushels, Over, Short, Price, Amount Freight, Other Charges, Remarks. Book contains 80 double pages of ledger paper, size $9\frac{1}{2} \times 12$ inches, with spaces for recording 2,320 carloads. Well bound in heavy black pebble cloth with red keratol back and corners. Shipping weight, $2\frac{1}{2}$ lbs. Order Form 385. Price \$2.95, plus postage.

SALES, SHIPMENTS AND RETURNS. Is designed to save time and prevent errors. Left hand pages are ruled for information regarding "Sales" and "Shipments"; right hand pages for "Returns." Column headings provide spaces for complete records of each transaction on one line. Book contains 80 double pages of ledger paper, size $10\frac{1}{4} \times 16$ inches, with 8-page index. Spaces provided for recording 2,200 cars. Bound in heavy canvas with keratol corners. Weight, $3\frac{3}{4}$ lbs. Order Form 14AA. Price \$3.50, plus postage.

GRAIN SHIPPING LEDGER for keeping a complete record of 4,000 carloads. Facing pages are given to each firm to whom you ship. Book contains 80 double pages of ledger paper with 16-page index, size $10\frac{1}{2} \times 15\frac{1}{4}$ inches, well bound with black cloth covers and keratol back and corners. Weight, 4 lbs. Order form 24. Price \$3.65, plus postage.

SHIPPERS RECORD BOOK is designed to reduce labor in handling grain shipping accounts. It provides spaces for a complete record of each car shipped. Its 80 double pages of ledger paper, size $9\frac{1}{2} \times 12$ inches, provide spaces for 2,320 carloads. Wide columns provide for the complete record of all important facts of each shipment. Bound in heavy black cloth with keratol back and corner. Shipping weight, $2\frac{1}{2}$ lbs. Order Form 20. Price, \$2.85, plus postage.

Grain & Feed Journals

CONSOLIDATED

327 South La Salle St., Chicago 4, Ill.

Wanted and For Sale

The rate for advertisements in this department is 30 cents per type line each insertion

ELEVATOR FOR SALE

FOR SALE—50,000 bu. concrete elevator and feed business. Excellent possibilities. Olathe, Kans. Contact Lord Grain Co., Emporia, Kansas.

FOR SALE—Grain Elevator, 45,000-bu. capacity. Located on the B. & O. RR. at Mark Center, Ohio, in a good wheat, bean and corn section. Voltz Elevator, Box 73, Mark Center, Ohio.

FOR SALE—The grain elevator, two warehouses, with complete seed and milling equipment. Located in central Missouri. Write or call A. N. Bailey, Chillicothe, Mo.

FOR SALE—We will sell our grain elevator, lumber yard, modern feed mill, all machinery including new coal conveyor and under car unloader along with our four trucks and grain and hay handling equipment. For particulars see or write Garth W. Woodward, Tocsin, Indiana.

FOR SALE—Owner has decided to sell income properties at Sterling, Willard and New Raymer, Colorado, consisting of a large grain elevator and feed plant, a large concrete storage elevator, and a country grain elevator respectively. All these grain elevators are showing a good profit. Reason for decision to sell is because of ill health. Address 94D4, Grain & Feed Journals, Chicago 4, Ill.

FOR SALE—Exceptional Opportunity. Grain, Feed, Coal and Farm Supply Business. Established 45 years. Located 43 miles west of Cleveland on NYC. Excellent section for dairy and poultry business. High productive soybean and wheat area. 25,000-bu. capacity elevator with all modern equipment for processing and manufacturing feeds. Over \$5,000 improvements added this past year. Large coal yard for storage, fence enclosed. One unloading conveyor, one loading conveyor, three International trucks, and all office equipment, including new Steinlite Moisture Tester purchased this year. Five large storage buildings, also repair shop, corn crib and poultry building. Five acres of land for expansion or storage. Gross sales over \$300,000. Excellent investment for anyone familiar with this type of business. Owner's health reason for selling. Address owners. S. J. Davidson & Son, Kipton, Ohio.

FLOUR MILL FOR SALE

FOR SALE—Flour Mill, 100 bbl. cap. in Minnesota, Nelson, 1004 Marquette Ave., Minneapolis, Minn. Br. 5618.

HELP WANTED

HELP WANTED—Experienced man to supervise installation and to operate feed mill in Eastern Oklahoma. Salary and commission. Write full particulars in first letter. A. R. Dillard, P. O. Box 88, Fort Smith, Arkansas.

WANTED

Grain elevator design engineers, mechanical and structural. Submit experience record and qualifications. Immediate employment.

FEGLS CONSTRUCTION CO., Ltd.

711 Wesley Temple Bldg.
MINNEAPOLIS, MINN.

HELP WANTED

HELP WANTED—Head Miller and Assistant Miller for 700-bbl. Roller Corn Mill. Humphreys Mills, Memphis, Tenn.

HELP WANTED—Feed salesmen. To sell line of fine, high grade cattle sprays as a side line. Commission basis. H. & M. Laboratories, Bishop & Cardinal Sts., Toledo 6, Ohio.

GOOD side line for salesmen with established trade, calling on feed stores, elevators, hardware stores, etc. Take orders for Lenz Red Squill Rat Paste. No investment. Successfully used for eight years. A big repeater everywhere. Good commission. Full particulars on request. Lenz Laboratory, Sycamore, Ill.

HELP WANTED—A large Feed Manufacturing Plant located in southwestern Ohio is in need of a sober, industrious, experienced man whose character and ability can stand rigid investigation. He will be in charge of their 750,000 bushel storage elevator. Must be thoroughly experienced in handling grain, and all phases of elevator operation including grain drying. Address 94C13, Grain & Feed Journals, Chicago 4, Ill.

SITUATION WANTED

SITUATION WANTED—Executive type grain man with twenty-five years of experience in grain merchandising and warehousing desires position with a reliable grain or milling firm. Address 94E-11, Grain & Feed Journals, Chicago 4, Illinois.

NOW is the time to let contract on having the siding and roofing on your grain elevator re-nailed, and applying a coat of first grade aluminum paint. On prices, contact A. L. Smith, Kamrar, Iowa. Phone 26.

SITUATION WANTED—I prefer country grain elevator. I have had wide experience in three states. I have been a Federal Licensed Grain Inspector for years. can receive and buy your grain at the pit. Buying grain is one of my specialties. Address 94E-15, Grain & Feed Journals, Chicago 4, Ill.

MACHINES FOR SALE

CORN CUTTER & Grader—has motor—used very little. 94A3, Grain & Feed Jnl's., Chicago.

FOR SALE—Kewanee all steel truck lift, complete with compressor, air tank and cylinder. E. A. Johnston Grain Co., Capron, Okla.

FEED MIXER for sale, has motor, and a late machine. Need space. Will sacrifice. Write 94A6, Grain & Feed Journals, Chicago 4, Ill.

For Sale—New and used hammer mills; also other milling equipment. H. H. Hussey, Box 162, Albert Lea, Minn.

FEED MIXER—One-ton floor level feed; has motor good as new. Write 94A4, Grain & Feed Journals, Chicago 4, Ill.

HAMMER MILL with 25-HP. motor and all attachments. Priced to sell. Write 94A5, Grain & Feed Journals, Chicago 4, Ill.

FOR SALE—Steinlite moisture tester, used two months. In original case. \$250.00 F.O.B. Wahoo. Guaranteed as good as new. Dolezal Bros., Wahoo, Nebr.

THE IDEAL conveyors for your plant can be delivered promptly. Bag and box pilers, long horizontal, floor to floor, and special models. Prewar prices \$495.00 up. 20-ton 24x10-foot truck scale—\$575.00. 30-ton 34x10-foot truck scale \$1,040.00. 30 ton 40x10 foot Truck Sale—\$1,490.00. Write for folder. Bonded Scale Company, 120 Bellevue, Columbus 7, Ohio.

MACHINES FOR SALE

When you are in the market for new or used mill machinery—Electric Motors, or any other equipment, write J. E. Hagan Mill Machinery, 1522 E. High St., Jefferson City, Mo.

FOR SALE—One Ton Vertical Batch Mixers. One Emerson Cylinder Wheat Separator, Boss Car Loader, Corn Cutter, and one Unique Cracked Corn Grader. J. E. Hagan Mill Machinery, Jefferson City, Mo.

SCREENS FOR SALE—Have 3 sections of perforated screens: 1 each 9/64, 9 1/2/64, 10/64x 3/4 (for oats). Never used. Size 27 1/2"x45 1/2" for No. 5 Huntley Separator. Blue Grass Feed Co., P. O. Box 480, Lexington, Ky.

FOR SALE—New fan cooled motors in stock, 5 HP, 7 1/2 HP, 10 HP, 15 HP, 60 HP, 75 HP and 100 HP, 1800 RM, for prompt shipment, also new explosion proof and regular hand compensators. D. E. Hughes Co., Hopkins, Mich.

FOR SALE—One 5-bu. Richardson automatic scale with lower and top hoppers, \$100. One No. 32 Western cleaner, \$250. One Kewanee air truck lift \$75. Homer Grain Elevators, Homer, Ill.

FOR SALE—Rolls, Sifters, Reels, Belting, Bolting cloth, Hammer Mills, Mixers and all kinds of Machinery for Mills and Feed Plants. Three pair high Noye Mill 9x24. Write me, I may have what you want. Will buy Good Machinery.

T. A. McWilliams
1460 South Second St. Louisville 8, Ky.

FOR SALE—Portable Bag and Box Stackers, \$530.00. Floor-to-floor conveyors, \$495.00. Power conveying, inspection and production tables, \$395.00. Truck Scales: 26-ton 24x10 ft., \$642.00; 26-ton 34x10 ft., \$895.00; 33-ton 34x10 ft., \$1,040.00; 30-ton 40x10 ft., \$1,490.00. Also motors and gasoline engines. Immediate delivery. Write, phone or wire Bonded Scale Co., 120 Bellview Ave., Columbus 7, Ohio.

FOR SALE—5-26" Fords Hammer Mills.
1—No. 2 Gruendler Hammer Mill.
1—1,000 lb. Davis Horizontal Mixer.
2—Barnard & Leas Friction Clutch Bran and Feed Packers.
4—32x8 Reels.
1—Style K No. 160 Draver Chemical Feeder.
General Mill Equipment Co.
Box 204
Kansas City 10, Missouri

FOR SALE—Used Elevator Buckets; 650 V buckets, length 16 inches, projection 7 inches, depth 8 inches—center brace—4 holes for 1/4 inch bolts with 6 1/2 inch space between center holes and 3 5/16 inch spacing between the 2 outside holes. 160 V buckets, length 16 inches, projection 7 inches, depth 8 1/2 inches—no center brace—punched with 5 holes for 1/4 inch bolts with spacing 3 5/16 inches between holes. 350 V buckets, length 14 inches, projection 6 1/2 inches, depth 8 inches—center brace—punched with 4 holes for 1/4 inch bolts with 4 inch centers. These buckets have been used, but are still in good condition and will give a lot of service. If interested, get in touch with M. L. Gear, Kansas Elevator Co., Board of Trade Bldg., Kansas City 6, Mo.

BATES
Grain Company
COARSE GRAIN
MERCHANDISERS & BROKERS
Board of Trade Bldg. Kansas City, Mo.

MACHINES WANTED

WANTED—Used Water Wheel. Arthur V. Ley, La Plata, Maryland.

WANTED—A good used grain drier. Give full description with lowest price. Art Callari Hay Co., Box 277, Upper Sandusky, Ohio.

WANTED—Cracked corn cutter and grader, 1½ ton per hour capacity or more. Immediate delivery. Goodrich Bros. Co., Winchester, Indiana.

WANTED—18 ft, 10-ton or larger, platform scale. Also 1200-bu. Boss portable air blast car loader. Must be in good condition. G-K Farms, Colby, Kansas.

WANTED—Gravity Mill or Dodder Mill medium capacity for alfalfa seed. Give description and dimensions. Cassidy Grain Co., Frederick, Oklahoma.

E. G. York, Barneston, Nebraska, writes he would not be without the **JOURNALS**. I always enjoy every number.

MOTORS—GENERATORS

FOR SALE—New Fairbanks-Morse totally enclosed 3 phase motors, 5 to 20 HP.

Also Used Motors
Capital Electric Company
209 E. 9th St. Topeka, Kans.

ELECTRICAL MACHINERY

Large stock of motors and generators, A.C. and D.C., new and rebuilt, at attractive prices. Special bargains in hammermill motors 25 to 100 hp., 1,200 to 3,600 rpm. Send us your inquiries. Expert repair service.

V. M. NUSSEBAUM & CO., Fort Wayne, Indiana

I have been a reader of the Grain & Feed Journals for the last six or seven years and think it is the best grain magazine published in the United States.—Richard Talbot, Mgr., Grangers Elvtr. Co., Manito, Ill.

MOTORS—GENERATORS

ELECTRIC MOTORS: We now occupy our fine new shop at 2401 Eleventh Street, Rockford, and are in better shape to serve you on new and used electric motors. Our repair and rewinding facilities have been largely increased and quick service is now available. We continually carry large stocks of motors of 1 H.P. and smaller. Will repair your motors or take them in trade for new or guaranteed reconditioned motors. We offer similar service on Air Compressors and pumps. If interested in new equipment ask us about Goulds pumps, Sullivan and DeVilbiss air compressors, Delco motors and Lima gearshift drives. Our 25th year.

Rockford Power Machinery Division
2401 Eleventh Street
Phone Main 1103 Rockford, Illinois

HAY FOR SALE

All Kinds of Choice Hay
Carlot or Truck Delivery
Schwab Brothers

New Bavaria

Ohio

SEEDS FOR SALE

FOR SALE—One car approximately 1,300-bus. U. S. 13 certified seed corn. Germination 90% sheller run. F.O.B. Avoca \$3.50 per bu. E. H. Woltmann & Son, R. R. 2, Avoca, Iowa.

FOR SALE—Wisconsin Vicland Oats officially field supervised, tagged and sealed with Cert. label, also fey non-cert. cleaned, 1 yr. removed from Cert. T. H. Cochrane & Co., Portage, Wis.

FOR SALE—Soybeans. Certified Lincoln and uncertified Lincoln soybeans of excellent yield and quality. Germination 95%. Offered bulk machine run or cleaned, bagged on truck or carload. Turner Seed & Supply, I. C. & Champagne, Maitton, Ill.

SEEDS WANTED

WANTED—To purchase Ladino Clover Seed. Anthony M. Jackson, Assumption, Ill.

WANTED SCREENINGS

WANTED—Ergoty Rye Screenings. Send us a representative sample of your ergoty rye screenings for an arbitration and offer. Universal Laboratories, Dassel, Minn.

SAMPLE ENVELOPES

SAMPLE ENVELOPES—SPEAR SAFETY for mailing samples of grain, feed and seed. Made of heavy kraft paper, strong and durable; Grain size 4½x7 inches \$2.50 per hundred, or 500, \$11.50. Seed size 3½x5½ inches, \$2.15 per hundred, or 500 \$8.75 plus postage. Grain & Feed Journals, 327 S. La Salle St., Chicago 4, Ill.

MISCELLANEOUS

FOR SALE—12 inch Pan Ceiling Fixture with suspended bowl. Will carry up to 200 watt lamp; \$1.00 each; have 200. Omaha Grain Exchange, Omaha, Nebraska.

WANTED TO BUY**EAR CORN**

ALSO

SHELLED CORN

WIRE OR WRITE

CHAS. P. NOELL
COVINGTON, TENN.

Your Errors

How many costly errors do YOU make every day, when trying to reduce pounds to bushels, you are interrupted by a telephone call or a casual caller asks for a bid on his grain?

The last word in Clark's Direct Reduction Grain Tables is a combination of our popular 7-card set, Form 3275 Spiral and our new Truck Loads to Bushels, Form 23,090 Spiral which reduce by 10 pound breaks any weight of grain from 600 to 23,090 pounds to bushels of 32, 48, 56, 60, 70 and 75 lbs.

Carefully printed from large clear type, with jet black ink, showing the bushels directly beside the weight of grain reduced and distinctly separated by rules and spaces so as to prevent errors in reading. The most practical, the most helpful grain reduction tables ever published. Their use will return their cost every day of the busy season in labor and time saved and errors prevented.

The spiral binding keeps the cards flat, in regular sequence, and prevents the exposure of more than one weight unit at a time so it is easy to keep wide open the table for the grain being received. Both sets of tables are printed on heavy six ply tough check of durable quality, 11x13 inches with marginal index.

Direct Reduction Grain Tables

PRINTED BY JOHN BAILEY JOURNAL, CHICAGO

32 lbs. per bushel—OATS

Wt. in lbs.	Bu.	Wt. in lbs.	Bu.	Wt. in lbs.	Bu.	Wt. in lbs.	Bu.	Wt. in lbs.	Bu.	Wt. in lbs.	Bu.	Wt. in lbs.	Bu.	Wt. in lbs.	Bu.
600	18.75	610	18.91	620	19.06	630	19.22	640	19.38	650	19.54	660	19.69	670	19.85
680	20.00	690	20.16	700	20.31	710	20.47	720	20.63	730	20.78	740	20.94	750	21.10
760	21.25	770	21.41	780	21.56	790	21.72	800	21.88	810	22.03	820	22.19	830	22.35
840	22.50	850	22.66	860	22.81	870	22.97	880	23.13	890	23.28	900	23.44	910	23.59
920	23.75	930	23.91	940	24.06	950	24.22	960	24.38	970	24.54	980	24.69	990	24.85
1000	25.00	1010	25.16	1020	25.31	1030	25.47	1040	25.63	1050	25.78	1060	25.94	1070	26.10
1080	26.25	1090	26.41	1100	26.56	1110	26.72	1120	26.88	1130	27.03	1140	27.19	1150	27.35
1160	27.50	1170	27.66	1180	27.81	1190	27.97	1200	28.13	1210	28.28	1220	28.44	1230	28.59
1240	28.75	1250	28.91	1260	29.06	1270	29.22	1280	29.38	1290	29.54	1300	29.69	1310	29.85
1320	30.00	1330	30.16	1340	30.31	1350	30.47	1360	30.63	1370	30.78	1380	30.94	1390	31.10
1400	31.25	1410	31.41	1420	31.56	1430	31.72	1440	31.88	1450	32.03	1460	32.19	1470	32.35
1480	32.50	1490	32.66	1500	32.81	1510	32.97	1520	33.13	1530	33.28	1540	33.44	1550	33.59
1560	33.75	1570	33.91	1580	34.06	1590	34.22	1600	34.38	1610	34.54	1620	34.69	1630	34.85
1640	35.00	1650	35.16	1660	35.31	1670	35.47	1680	35.63	1690	35.78	1700	35.94	1710	36.10
1720	36.25	1730	36.41	1740	36.56	1750	36.72	1760	36.88	1770	37.03	1780	37.19	1790	37.35
1800	37.50	1810	37.66	1820	37.81	1830	37.97	1840	38.13	1850	38.28	1860	38.44	1870	38.59
1880	38.75	1890	38.91	1900	39.06	1910	39.22	1920	39.38	1930	39.54	1940	39.69	1950	39.85
1960	40.00	1970	40.16	1980	40.31	1990	40.47	2000	40.63	2010	40.78	2020	40.94	2030	41.10
2040	41.25	2050	41.41	2060	41.56	2070	41.72	2080	41.88	2090	42.03	2100	42.19	2110	42.35
2120	42.50	2130	42.66	2140	42.81	2150	42.97	2160	43.13	2170	43.28	2180	43.44	2190	43.59
2200	43.75	2210	43.91	2220	44.06	2230	44.22	2240	44.38	2250	44.54	2260	44.69	2270	44.85
2280	45.00	2290	45.16	2300	45.31	2310	45.47	2320	45.63	2330	45.78	2340	45.94	2350	46.10
2360	46.25	2370	46.41	2380	46.56	2390	46.72	2400	46.88	2410	47.03	2420	47.19	2430	47.35
2440	47.50	2450	47.66	2460	47.81	2470	47.97	2480	48.13	2490	48.28	2500	48.44	2510	48.59
2520	48.75	2530	48.91	2540	49.06	2550	49.22	2560	49.38	2570	49.54	2580	49.69	2590	49.85
2600	50.00	2610	50.16	2620	50.31	2630	50.47	2640	50.63	2650	50.78	2660	50.94	2670	51.10
2680	51.25	2690	51.41	2700	51.56	2710	51.72	2720	51.88	2730	52.03	2740	52.19	2750	52.35
2760	52.50	2770	52.66	2780	52.81	2790	52.97	2800	53.13	2810	53.28	2820	53.44	2830	53.59
2840	53.75	2850	53.91	2860	54.06	2870	54.22	2880	54.38	2890	54.54	2900	54.69	2910	54.85
2920	55.00	2930	55.16	2940	55.31	2950	55.47	2960	55.63	2970	55.78	2980	55.94	2990	56.10
3000	56.25	3010	56.41	3020	56.56	3030	56.72	3040	56.88	3050	57.03	3060	57.19	3070	57.35
3080	57.50	3090	57.66	3100	57.81	3110	57.97	3120	58.13	3130	58.28	3140	58.44	3150	58.59
3160	58.75	3170	58.91	3180	59.06	3190	59.22	3200	59.38	3210	59.54	3220	59.69	3230	59.85
3240	60.00	3250	60.16	3260	60.31	3270	60.47	3280	60.63	3290	60.78	3300	60.94	3310	61.10
3320	61.25	3330	61.41	3340	61.56	3350	61.72	3360	61.88	3370	62.03	3380	62.19	3390	62.35
3400	62.50	3410	62.66	3420	62.81	3430	62.97	3440	63.13	3450	63.28	3460	63.44	3470	63.59
3480	63.75	3490	63.91	3500	64.06	3510	64.22	3520	64.38	3530	64.54	3540	64.69	3550	64.85
3560	65.00	3570	65.16	3580	65.31	3590	65.47	3600	65.63	3610	65.78	3620	65.94	3630	66.10
3640	66.25	3650	66.41	3660	66.56	3670	66.72	3680	66.88	3690	67.03	3700	67.19	3710	67.35
3720	67.50	3730	67.66	3740	67.81	3750	67.97	3760	68.13	3770	68.28	3780	68.44	3790	68.59
3800	68.75	3810	68.91	3820	69.06	3830	69.22	3840	69.38	3850	69.54	3860	69.69	3870	69.85
3880	70.00	3890	70.16	3900	70.31	3910	70.47	3920	70.63	3930	70.78	3940	70.94	3950	71.10
3960	71.25	3970	71.41	3980	71.56	3990	71.72	4000	71.88	4010	72.03	4020	72.19	4030	72.35
4040	72.50	4050	72.66	4060	72.81	4070	72.97	4080	73.13	4090	73.28	4100	73.44	4110	73.59
4120	73.75	4130	73.91	4140	74.06	4150	74.22	4160	74.38	4170	74.54	4180	74.69	4190	74.85
4200	75.00	4210	75.16	4220	75.31	4230	75.47	4240	75.63	4250	75.78	4260	75.94	4270	76.10
4280	76.25	4290	76.41	4300	76.56	4310	76.72	4320	76.88	4330	77.03	4340	77.19	4350	77.35
4360	77.50	4370	77.66	4380	77.81	4390	77.97	4400	78.13	4410	78.28	4420	78.44	4430	78.59
4440	78.75	4450	78.91	4460	79.06	4470	79.22	4480	79.38	4490	79.54	4500	79.69	4510	79.85
4520	80.00	4530	80.16	4540	80.31	4550	80.47	4560	80.63	4570	80.78	4580	80.94	4590	81.10
4600	81.25	4610	81.41	4620	81.56	4630	81.72	4640	81.88	4650	82.03	4660	82.19	4670	82.35
4680	82.50	4690	82.66	4700	82.81	4710	82.97	4720	83.13	4730	83.28	4740	83.44	4750	83.59
4760	83.75	4770	83.91	4780	84.06	4790	84.22	4800	84.38	4810	84.54	4820	84.69	4830	84.85
4840	85.00	4850	85.16	4860	85.31	4870	85.47	4880	85.63	4890	85.78	4900	85.94	4910	86.10
4920	86.25	4930	86.41	4940	86.56	4950	86.72	4960	86.88	4970	87.03	4980	87.19	4990	87.35
5000	87.50	5010	87.66	5020	87.81	5030	87.97	5040	88.13	5050	88.28	5060	88.44	5070	88.59
5080	88.75	5090	88.91	5100	89.06	5110	89.22	5120	89.38	5130	89.54	5140	89.69	5150	89.85
5160	90.00	5170	90.16	5180	90.31	5190	90.47	5200	90.63	5210	90.78	5220	90.94	5230	91.10

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AMERICAN ELEVATOR &
GRAIN TRADE
Established 1882

THE GRAIN WORLD
Established 1928

PRICE CURRENT - GRAIN REPORTER
Established 1844

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LETTERS on subjects of interest to those engaged in the grain, feed and field seed trades, news items, reports on crops, grain movements, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are invited. The service is free.

CHICAGO, 4, ILL., MARCH 13, 1946

AN INSTRUMENT of almost any kind is better than one's hand to pick a lump out of a screw conveyor, as one Kansas man learned recently at the cost of a finger.

GOVERNMENT loans on wheat may get growers in the habit of speculating in cash grain, but good prices throughout the war have made it unnecessary for them to do much borrowing.

NOW THAT the warm weather has lured Jack Frost to get out of truck scale foundations, owners are beginning to recognize the advantage of having all outside scales carefully tested and repaired before they are resealed.

HOW CAN a country corn buyer make a living by paying the full market price for a bushel, 70 lbs of ear corn containing 32 per cent moisture, when it shells out only 50 pounds? The state law of some states permits him to take only 68 lbs for a bushel after Dec. 1st each year. Value can not be legislated into damp ear corn.

A FEED plant at Magnolia, Ark. was sacrificed recently to delay in renewing or repairing a switch box which caused a fire and resulted in a loss of \$70,000. Expensive delays of this kind do not help to promote the success of any business. Do it now.

THE C.C.C. persists in having first call on empty box cars, notwithstanding every section of the surplus grain belt is urgently calling for more and better cars. In time of war the C.C.C. might be fully entitled to the priority call on transportation, but, thank goodness, the war is over, although the bureaucrats seem still to doubt it.

COUNTRY ELEVATORS especially will be interested in the robbers' contest in the number of country elevators being robbed and reported in our news department this number. It seems to be especially noticable in our news relating to Kansas and Ohio elevators. Not that the elevator operators of other states are a bit jealous in the matter, but the robbers seem to be laboring under the false impression that the dealers of these states leave their wealth at the office.

EVERY COUNTRY elevator operator supplying seeds to patrons knows just as well as anybody the better the seed the cleaner it is, and the higher the germination, the greater the yield the planter can expect and, of course, the larger the farmer's crop the more grain he has to haul to market. Country buyers who are fully aware of practical means for helping their farm patrons have long sought and handled seed grain that is high in production possibilities, so supplying their patrons with clean seed that has been tested for germination and crop yield not only helps the farmer to better returns from his labor but it can be depended upon to give the grain dealer more grain of quality to market each year.

THE KANSAS City Board of Trade has been delighted with the deep interest shown in the lecture series it recently introduced and each session has attracted an average attendance of 150 persons. This is most encouraging and should result in more people understanding the methods employed in conducting the sale of grain in the public markets where supply and demand have long functioned most efficiently. Fixing price ceilings by men ignorant of methods employed in marketing farm crops has met with such general dissatisfaction the government should soon recognize that the producers and consumers of grain are disgusted with the futile efforts of the Washington bureaucrats to fix prices as a preventative of inflation. Their flighty attempts at fixing price ceilings has met with so much opposition, everyone interested persists in denouncing the ceiling prices and their makers.

COSTLY HARDSHIPS will be suffered by flour mills as a result of the Interstate Commerce Commission order discriminating in favor of shipments of wheat for export. The order provides priorities for incoming wheat, but makes no provision for shipment outbound from the mills.

THE CAR shortage continues to handicap the shipping of grain to central markets and some of the new O.D.T. orders show conclusively that many well-equipped cleaning elevators are operated at other than central markets. That is one of the great disadvantages of orders being issued or drafted by bureaucrats unacquainted with the grain elevator business. Discrimination against elevators at interior points is uncalled for.

THE AVERAGE citizen has always been willing to pay his share of the taxes needed for the support of practical government, the maximum price makers have long insisted that the "meek shall inherit the earth," but it does not seem possible that these philosophers have taken into consideration that the taxes will be so high that the meek will refuse to accept the earth. Stockholders of corporations generally appreciate that their company pays an income tax on its net earnings and the stockholders pay a tax on their receipts of dividends, so that is double taxation of the earnings that reach the stockholders.

COUNTRY elevator operators need the area of production exemption in the Fair Labor Standards Act, that passage of S. 1349 would cancel. The same bill would raise the minimum wage of the elevator employee working overtime to as much as \$45 per week. Elevator operators desiring to retain their exemption as being in the area of production should write their representatives in Congress urging that the Sec 13 (a) (10) exemption be put back into the bill. As the bill is likely to come to a vote in the Senate the members of the Senate should be given prompt information on the importance of this exemption to the farming industry.

THE PATENT Survey Committee seems to have many friends in the Washington Department of Commerce and some are making a determined effort to bring about the abolition of our patent system, which has resulted in many inventors being stimulated in the perfection of greatly improved mechanical devices. These have increased the production of many devices and at the same time reduced the cost of mechanical improvements to users. The argument that the independent inventor has become outmoded cannot destroy consumers' enjoyment of the telephone, the steam engine, the steamboat, the cotton gin and many other important inventions which have brought about thousands of better things and better living.

GRAIN DEALERS so fortunate as to be able to make long planned and greatly needed improvements in their grain handling facilities owe it to themselves to insist on having cupolas provided with ample equipment and safeguarding moving machinery so as to reduce the number and the extent of accidents. Every cupola is a dirty place to work and often dark and an easy place for a worker to make a false step so that the more room that is provided for workers will result in saving more lives and many limbs.

Proposed Government Control of All Grain

Without waiting for the wheat order to demonstrate its futility the U. S. Department of Agriculture officials outlined to the representatives of the grain trade at Washington Mar. 4 its scheme to channel all grain thru the government by making the wheat order apply to all grains.

As a result of bungling interference with the free flow of corn thru maladjustment of ceilings between the grain and the animal many essential industries are without corn and without the products urgently needed by consumers. Unquestionably this serious situation is prodding the Department to do something. It is doubtful, however, that the imposition of more drastic controls is the proper remedy.

Rather it would seem simpler to raise the ceiling on corn to a level where it would be as profitable for the grower to send his corn to market as to feed the grain to farm animals, adding 30 cents to the ceiling price as suggested by the chairman of the Grain Committee of the National Ass'n of Commodity Exchanges testifying before the food shortage investigating committee of the House of Representatives.

Furthermore, the witness declared that if the responsible agency refused to raise the price of corn, action should be compelled by Congress.

Just as under the present ceiling, unfortunately, a new and higher fixed price will obviously take the profit out of feeding for some farmers while others can continue feeding profitably. Such injustice is inevitable under an arbitrary finding, just as an 18½ cents an hour wage increase can not possibly fit different industries.

Certainly it should have been proved to the satisfaction of the O.P.A. by this time that price is the most powerful lever to move commodities. When the O.P.A. placed a high ceiling and a subsidy support price on live stock the supply of meats increased beyond its fondest hopes. Right now the storages are crammed with poultry that have been consuming the wheat for which starving Europe is clamoring.

The New Ceiling Prices

The recent attempt of the Federal Government to induce the more liberal marketing of grain by raising the ceiling prices a few pennies seems to have failed most disastrously, and what is more unfortunate, the bureaucrats had stubbornly persisted in denying any intention of raising ceiling prices, thus destroying what confidence our grain growers had in their predictions and promises.

Experienced feeders with large flocks and herds would not be so shortsighted as to dispose of feed they knew would soon be needed by their own livestock, even tho the Washington autocrats gave them a special permit to sell it for four cents more a bushel. Premiums prevailing in the black market all this year have been so generous as to shrink offerings in the public grain markets.

If supply and demand were permitted to crowd the Government out of the grain business, farmers would be getting much more for their products and would produce more without justifying an increase of five hundred per cent in the money in circulation. The persistent cry of "Inflation! Inflation!" whenever the leaders feel the need of an excuse for not doing what is generally believed would help our grain growers has lost its force.

Growers who sold at the lowest fixed prices of the crop are sore but, the meddling bureaucrats are still unwilling to let the law of supply and demand function normally.

Unauthorized Dictation by Bureaucrats

The chief of the Office of Price Administration grabbing authority out of the thin air because it is nowhere else to be found saw fit to demand that the commodity exchanges increase the margins required on purchases of cotton for future delivery.

Margins are required solely to guarantee the performance of the contract. They are security. To use increased margins as a means to restrain buying of cotton in the vain hope of holding prices down, as pretended by the O.P.A. is a gross perversion of the functions of margins.

Senator Thomas of Oklahoma recognizes this grab of power and offers a bill to prevent any agency of government from setting margins on commodity exchanges. When the exchanges refused to increase required margins the chief of the O.P.A. declared he would order them increased, altho the war ended several months ago, and he has no such peacetime power by any stretch of the imagination.

This is the same irresponsible Office that solemnly assured the farmers they had better sell their wheat and corn because there would be no increase in ceiling price. Yet ceiling prices were raised.

After trying to fool the public into believing, by subsidy, that there has been no increase in the price of bread this Office now pretends to hold the line by cutting the size of the loaf instead of taking the honest course of increasing the price.

No relief is in sight for the suffering public until Congress reasserts its superior power by enacting a law providing for the abolition of ceilings and specifying the commodities and various times of cancellation. If Congress does not take action we will sink deeper and deeper into the morass.

Washington News

LEADERS in the grain, milling and feed industries held a conference Mar. 4 with the U.S.D.A. on contemplated control of grain sales.

SUPPORT prices on 1946-crop dry smooth peas at the same levels as in effect for the 1945 crop were announced by the United States Department of Agriculture.

THE SUBSIDY now being paid to cattle feeders at the rate of 50 cents per 100 pounds on cattle meeting certain weight and grade specifications will be terminated on June 30, 1946.

F. E. C. is the latest alphabetic creation, meaning Famine Emergency Committee, with offices in the Department of Agriculture, and Chester Davis of St. Louis, chairman of the organizing committee.

THE first hardship petition under the newly promulgated 80% flour extraction order has been called to the attention of Clinton P. Anderson, secretary of agriculture, and Henry A. Wallace, secretary of commerce, by the macaroni trade.

FOOD shortages are the result of government price controls, Harry C. Schaack, pres. of the Chicago Board of Trade, told the food committee of the House Mar. 6. "There must be a flexibility of the price structure to prevent any interference with the law of supply and demand," he said.

SECY of Agriculture Anderson said February exports of wheat will be about 150,000 tons short of the monthly goal of 1 million tons and that March exports may fall 400,000 tons short unless immediate action is taken to move grain from country elevators and farms to terminal elevators and ports for both domestic and export requirements.

THE Department of Agriculture announced that effective Apr. 1, 1946, the emergency quota of 4 per cent on fats and oils for manufacture of shortening, salad and cooking oils, which has been effective under WFO 43 since Oct. 1, will be discontinued in order to help meet the President's program calling for the export during 1946 of 375,000 tons of fats and oils for critical food needs abroad.

THE U. S. Department of Agriculture announced effective Feb. 23, that (1) each Southern rice miller will be allowed set-aside credit for shipments of rice to Puerto Rico and the Virgin Islands in an amount up to 40 per cent of his monthly set-aside requirement and (2) that each California rice miller will be allowed set-aside credit for shipments to Hawaii in an amount up to 15 per cent of his monthly set-aside requirement.

SENATOR Thomas of Oklahoma has introduced a bill to deprive any government agency of power to set margins on any commodity exchange. Senator Thomas urged the exchanges not to comply with the O.P.A. request to increase margins on cotton. They did not. Thereupon Chester Bowles took on himself authority to raise margins and did so. Such increase in trading margins is harmful to growers of cotton, Senator Thomas asserts.

Suits Against Oklahoma Elevators Dismissed

By E. W. F.

John N. Varnell, district OPA director at Oklahoma City, has announced that 10 of 16 injunctions filed against elevator companies of Oklahoma were ordered withdrawn and at least two more "in all probability" will be dismissed.

The OPA last week asked federal court orders closing the elevators on the grounds they had not supplied the required schedules of prices for elevator services. Later Varnell conceded the information on which some of the injunctions were filed was incorrect.

O.P.A. Denied Costly Records

An order sustaining a motion by the Ralston Purina Co. to strike from a list of interrogatories filed by the OPA a request for records of sales of animal and poultry feeds was issued Feb. 27 by United States District Judge George H. Moore at St. Louis, Mo.

The O.P.A., in its \$3,000,000 suit against the company for alleged overcharges, had requested files and records of sales and shipments of feeds dating from Aug. 30, 1943. The company, in its motion for relief from this request, said it would cost approximately \$35,000 to comply.

George L. Robinson, chief enforcement attorney for the O.P.A., said the denial of the request would not affect the government's prosecution of the case.—E.W.F.

Wheat Ceiling Governed by Time of Delivery

G. E. Blewett, sec'y-treas., of the Texas Grain & Feed Dealers Ass'n, has received the following interpretation from the Dallas Regional Office of the O.P.A.

"You ask whether or not you could buy a quantity of wheat under O.P.A. Order 487, taking delivery of it now and paying the present ceiling price, and then specify on your contract and agree that in the event the wheat ceiling was raised by a specified date, say July 1, give the seller the benefit of any advance.

"You are informed that Sec. 1.2(a) of MPR 487 provides that you may agree to sell wheat at a price which can be increased up to the maximum price in effect at the time of delivery. However, it provides that you may not deliver or agree to deliver wheat at prices to be adjusted upward by the Office of Price Administration after delivery, unless you are authorized to do so by the Office of Price Administration. You may obtain this authorization upon request, provided: First, the higher price adjustment was being considered by the Office of Price Administration at the time of delivery or agreement to deliver. Second, the authorization is necessary to promote distribution or production of wheat. Third, the authorization will not interfere with the purposes of the Emergency Price Control Act of 1942, as

amended, "Since it does not appear from your question that you are entitled to the authorization described above, we believe that the regulation under discussion prohibits the delivery of wheat under the conditions you describe."

The Last Word in Country Elevators

One of the finest country elevators in the state of Texas is located at Follett, Tex., in the extreme northern part of the state, on the A, T. & S. F. R.R., and is shown on the front cover page of this number.

After running a country elevator 23 years Manager Lester McKee of the Farmers Grain & Supply Co. put into this new plant everything that he had been missing in other elevators of which he had charge.

The construction was on cost-plus contract with the Tillotson Construction Co., and cost about \$130,000. The storage capacity is 225,000 bus., in 23 bins of reinforced concrete.

Besides the dump of regular size there is a second dump 62 ft. long and 43 ft. high, large enough to accommodate a semi-trailer. This dump is the baby of Manager McKee. The two elevator legs have two distributors both of which can be run into the same bin or into separate bins. Or one leg can be loading cars while the other is filling bins from dumps. This extra facility with two driveways is greatly appreciated in a rush of grain at harvest time, or when damp grain has to be moved while grain is being received or loaded out.

The legs are operated by two 30-h.p. motors, dust collectors two 3-h.p. motors, the two 14-in. screw conveyors from car unloading spout and the extra dump two 5-h.p. motors, electric lifts one 5-h.p. and one 7½-h.p. Machinery was supplied by R. R. Howell & Co.

Weighing is done on a 34-ft. Howe weightograph truck scale up to 50,000 lbs., and one on a 150,000-lb. Winslow Hopper Scale.

Training Helps Extinguish Fires

Huntington, W. Va. "Members of our fire brigade take their responsibilities and duties seriously and function quickly. We had a small fire in the elevator pit. The brigade functioned efficiently and had the fire out when the City Fire Department arrived. They used four C.T.C. extinguishers and the Fire Department used a spray nozzle to wet the entire pit. A constant watch was kept for the following forty-eight hours as the next day was Sunday and the plant was closed. No damage to elevator. They believe this started from too large a light bulb and too much dust. They have reduced the size of the lamp to 60 watts at this location."—Huntington Milling Co. in the Round Table.

WASHINGTON, D. C.—Use of grain in the production of ethyl and butyl alcohol was prohibited by an amendment Feb. 27 to W.F.O. 141, unless otherwise authorized by the assistant administrator of the P.M.A.

O. P. A. Enforcement

SANBORN, IA.—Chester DeJong has settled an O.P.A. suit for overceiling sales of corn by paying \$139.42.

CHARITON, IA.—John Pershy, Jr., paid the O.P.A. \$50 in settlement of a suit for over ceiling sale of corn.

CHURDAN, IA.—Charged with over ceiling sales of corn the Farmers Co-operative Elevator Co. paid the O.P.A. \$435.68 in settlement.

HOLLAND, IA.—The O.P.A. collected \$9,377.81 from the Holland Grain Co. for admittedly unintentional overcharges on grain drying and freight on feed products shipped last fall. Long before any sales were made the company had filed its schedules with the O.P.A. Max Belz, former owner of the company, asked for the privilege of refunding the alleged overcharges to purchasers of the feeds, but the O.P.A. refused.

RESUMPTION of production of butadiene from industrial alcohol at the Government-owned butadiene plant located in Institute, W. Va., recently was authorized by Office of Rubber Reserve, Reconstruction Finance Corporation. Butadiene is the principal ingredient used in the manufacture of the general purpose type of synthetic rubber commonly known as GR-S.

Elevator Exempt from Unemployment Tax

The Supreme Court of Michigan on Jan. 7, 1946, affirmed the decision of the Circuit Court of Tuscola County in favor of the Unionville Milling Co., holding that bean pickers employed by defendant in the processing of dry, edible beans were engaged in agricultural labor under the state law, Public Acts, 1936, and Public Acts, 1942.

Defendant buys beans in field-run condition, as taken from the fields. The beans are sorted and graded at defendant's bean elevator, Unionville, Mich. Defendant employs individuals to remove culls, stones and foreign matter as it passes before them on a conveyor belt in the elevator.

When the beans are purchased the charge for picking waste material is deducted from the price to be paid the farmer, as determined by a sample. If beans are stored to be sold later the procedure is the same.

The law of 1942 provides:

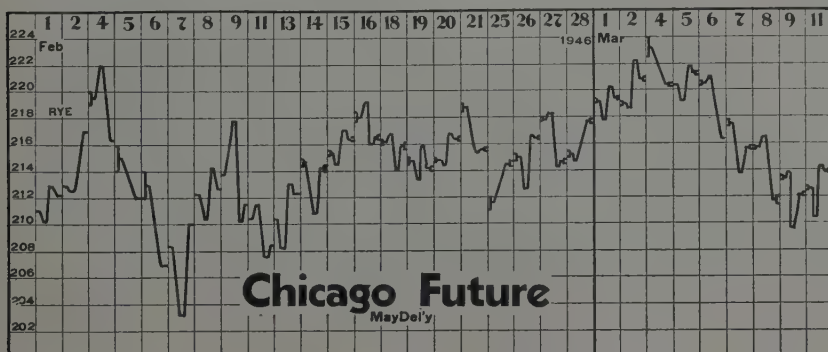
The term "agricultural labor" includes all service performed:—

(4) In handling, planting, drying, packing, processing, freezing, grading, storing or delivering to storage or to market, or to a carrier for delivery to market, any agricultural or horticultural commodity; but only if such service is performed as an incident to ordinary farming operations or in the case of fruits and vegetables, as an incident to the preparation of such fruits and vegetables for market. The provisions of this paragraph shall not be deemed to be applicable with respect to service performed in connection with commercial canning or commercial freezing, or in connection with any agricultural or horticultural commodity after its delivery to a terminal market for distribution or consumption.

The Supreme Court said: "The regulation by the Michigan State Department of Agriculture requiring that dry edible beans shall not be placed in trade channels for distribution for consumption without processing in effect requires the process called 'picking' before marketing. The processing thus required includes services which constitute 'agricultural labor' without the meaning of the statute.

"Defendant Unionville Milling Co. is exempt from the Michigan unemployment compensation tax on remuneration paid individuals performing service as 'bean pickers' on and after Feb. 27, 1942.

"The determination of liability rendered by the plaintiff Michigan Unemployment Compensation Commission is hereby set aside."—21 N.W. (2d) 135.



War Food Order No. 144 of Mar. 8

The distribution and use of wheat and flour was taken under control of the Production and Marketing Administration by War Food Order No. 144, part 1468, grain, effective Mar. 8, as follows:

(a) Definitions

(1) "Wheat" means any grain which, before the removal of dockage, consists of 50 per cent or more of wheat and not more than 10 per cent of other grains for which standards have been established under the provisions of the United States Grain Standards Act (7 U. S. C. 11-87), and which, after the removal of dockage, contains not more than 50 per cent of broken kernels of grain of any size. "Wheat" shall include whole wheat, ground wheat, cracked wheat, or wheat in any other form, but shall not include wheat mill feeds, emmer, spelt, Einkorn, Polish wheat, or pouldard wheat.

(2) "Flour" means (i) flour from wheat, (ii) farina, or (iii) semolina, as defined in paragraphs (6), (13), and (15) of section 16(a) of Revised Maximum Price Regulation No. 296 of the Office of Price Administration, as amended, or as it may be amended or revised from time to time.

(3) "Mixed feed" means any feed manufactured for sale for the feeding of livestock or poultry.

(4) "Excess wheat" means all wheat in the inventory of a merchandiser or country shipper, over and above that quantity needed to make deliveries on (i) orders from merchandisers supported by merchandisers' certificates issued under paragraph (e) hereof, (ii) export sales approved as provided in paragraph (m) hereof, and (iii) orders from millers, mixed feed manufacturers, or food manufacturers who furnish supply certificates as required by paragraph (k) hereof, including all supply certificates accompanied by preference orders issued under paragraph (d).

(5) "Merchandiser" means any person, other than a country shipper, who buys and sells wheat on his own account.

(6) "Country shipper" means any person who, at places other than terminal markets, is engaged in the business of purchasing wheat directly from farmers and storing and selling the same.

(7) "Issuing person" means any person who has issued (i) a preference order as provided in paragraph (d) hereof, (ii) a merchandiser's certificate as provided in paragraph (e) hereof, or (iii) a supply certificate as provided in paragraph (k) hereof.

(b) Use of Wheat in Mixed Feed

(1) No mixed feed manufacturer shall, during the following calendar months, use wheat in the manufacture of mixed feeds, including grain base mixes, at a rate in excess of the following percentages of the monthly average quantity of wheat so used during the period December 1, 1945, to January 31, 1946:

Month	Percentage
February and March, 1946.....	75
April, 1946.....	70
May, 1946.....	65
June and following months, 1946.....	60

Provided, however, that any mixed feed manufacturer located in the States of California, Idaho, Nevada, Oregon, Utah, or Washington may, to the extent that grains other than wheat are not available, use wheat in the manufacture of mixed feed in a quantity sufficient to bring his total use of grain during any of the above months up to 85 percent of the quantity of all grains used by such manufacturer in the manufacture of mixed feed during the corresponding calendar month of 1945:

Provided, further, that wheat sold by a mixed feed manufacturer, wherever located, for use as feed shall be considered as wheat used in the manufacture of mixed feed within the meaning of this paragraph (b).

(2) No person shall use wheat in any form in making any mixture of grains for sale as an ingredient in the manufacture of mixed feed.

(c) Use of Flour in Mixed Feed

No person shall use flour in the manufacture of mixed feed unless such flour is unfit for human consumption.

(d) Preference Orders

(1) Any miller who has less than a 21-day inventory of wheat based upon average daily grind, any mixed feed manufacturer who has less than a 21-day inventory of wheat based upon authorized use under paragraph (b) (1) hereof, and any food manufacturer who has less than a 21-day inventory of wheat based upon average monthly use during 1945, may issue a written order which, after approval by the Director, shall entitle the issuing person to pre-ferred delivery as hereinafter provided. A preference order shall have attached thereto or incorporated therein a certificate in the following form:

"The undersigned hereby certifies to the United States Department of Agriculture and to

(Name and address of supplier)

that this certificate is furnished in order to obtain preferred delivery, under War Food Order No. 144 of bushels of wheat, and that such quantity either represents one carload lot, or will not increase the undersigned's inventory of wheat, as defined in such order, beyond a 30-day supply. The undersigned has issued supply certificate No. under paragraph (k) of this order against the above-named supplier covering bushels of wheat.

Purchaser

By

Authorized Official

Address

Date"

(2) A preference order must be supported by an approved supply certificate issued either simultaneously with the preference order or prior thereto. A preference order may be issued for a quantity of wheat not to exceed the greater of the following quantities: (i) one carload lot, or (ii) a quantity necessary to bring the issuing person's inventory of wheat up to a 30-day supply based upon average daily grind in the case of a miller, authorized use under paragraph (b) (1) in the case of a mixed feed manufacturer, or average monthly use during 1945 in the case of a food manufacturer. The issuing person shall name his supplier upon the face of the preference order and shall forward the order to the Director for approval. The Director shall transmit the preference order, if approved, to the named supplier for execution.

(3) Total preference orders outstanding at any one time in favor of the same issuing person shall not exceed the greater of the quantities specified under paragraphs (d) (2) (i) or (d) (2) (ii) above.

(4) An issuing person who has a supply certificate under paragraph (k) outstanding against a particular supplier, shall direct his preference order first to such supplier.

(e) Merchandisers' certificates

(1) Any merchandiser who holds supply certificates issued under paragraph (k) hereof, or who has sold wheat to the Commodity Credit Corporation or for export under an authorization as provided in paragraph (m) hereof, may issue a written order for wheat, addressed to his country shipper or to another merchandiser, which shall have attached thereto or incorporated therein a numbered certificate (hereinafter called "merchandisers' certificate") in the following form:

"The undersigned merchandiser hereby certifies to the United States Department of Agriculture and to

Name and address of supplier

that he is familiar with the terms of War Food Order No. 144, that this certificate is furnished in order to enable the undersigned to acquire bushels of wheat, and that such wheat has been sold to under the following described document:

Supply Certificate No., issued by for bushels.

Approved Export Sale to..... bushels.

Contract No. with Commodity Credit Corporation for bushels.

The undersigned merchandiser further certifies that the total quantity of wheat acquired under this certificate will be used by him to fill the above described order.

Purchaser

By

Certificate number.....

Authorized Official

Address

Date"

(2) Merchandisers' certificates shall be issued in duplicate. The duplicate shall be forwarded to the Director and the original transmitted by the merchandiser to his supplier for execution. All merchandisers' certificates shall clearly identify the supply certificate, export sale, or sale to Commodity Credit Corporation against which such merchandisers' certificate is issued.

(3) Total merchandisers' certificates outstanding at any one time shall not exceed the aggregate quantity of wheat covered by all supply certificates, export sales, and sales to Commodity Credit Corporation in the hands of the issuing merchandiser.

(f) Millers' and Mixed Feed Manufacturers' Wheat Inventories

No miller or mixed feed manufacturer shall accept delivery of wheat in any quantity which will cause his inventory of wheat, plus all quan-

titles thereof bought to arrive or with respect to which he has a contract to purchase (futures contracts to be included only to the extent that such contracts call for May delivery), to exceed a 45-day supply based upon average daily grind in the case of a miller or authorized use under paragraph (b) (1) hereof in the case of a mixed feed manufacturer: Provided, however, That this paragraph (f) shall not apply to usual or customary sales of wheat by a producer thereof who delivers such wheat by truck directly to a mill or elevator attached thereto. (See paragraphs (a) (4) and (n) (3).)

(g) 1946 Crop Wheat—Exemption

Wheat of the 1946 crop shall not be subject to any restriction under this order other than those contained in paragraph (1) entitled "Extraction Rate."

(1) Extraction Rate

No miller shall produce any flour which consists of less than 80 per cent by weight of the cleaned wheat from which such flour is produced, provided, however, that farina may be produced subject to the following requirements:

(1) The quantity of farina produced shall not exceed 5 per cent by weight of the straight run of flour from which such farina is separated:

(2) The weight of such farina, when added to the weight of the remainder of the flour from which such farina was separated, shall equal not less than 80 per cent of the weight of the cleaned wheat from which such products were produced.

(m) Export of Wheat

Any person who holds wheat for export or who purchases or contracts to purchase wheat for export shall, prior to application for an export license, or if such wheat is not at a port, prior to shipment to a port for export, first offer such wheat to the Director for sale and delivery to the Commodity Credit Corporation. Any wheat offered to and not accepted by the Commodity Credit Corporation may be exported only under license issued by the Office of International Trade, Department of Commerce, after approval of such issuance by the Order Administrator. Any person offering wheat may, at the time such offer is made, authorize the Order Administrator to apply in such person's behalf to the Office of International Trade, Department of Commerce, for the issuance of an export license. Any wheat so offered which has not, within two days from the time of such offer, either been accepted by the Commodity Credit Corporation or authorized for export as above provided, shall remain subject to all the provisions of this order.

(n) Sales Priorities: Offers of Excess Wheat to Commodity Credit Corporation

(1) Any merchandiser or country shipper who owns or acquires excess wheat shall sell such excess wheat against preference orders supported by supply certificates to the extent that such excess wheat is available at the time a preference order is received.

(2) Any merchandiser or country shipper who owns or acquires excess wheat over and above the quantity needed to fill preference orders as provided in paragraph (n) (1) hereof may sell such excess wheat at any time against merchandisers' certificates issued under paragraph (e), supply certificates issued under paragraph (k), or approved export orders as provided in paragraph (m).

(3) All excess wheat which a merchandiser or country shipper has on hand as of the close of market each week, beginning with the week ending March 9, 1946, for which such merchandiser or country shipper does not have preference orders, shall be offered to the Director before noon of the following Monday for sale and delivery to the Commodity Credit Corporation. A country shipper offering such wheat may indicate the merchandiser through whom he desires the transaction to be handled. All excess wheat so offered which has not been accepted within two days from the time of such offer shall be considered as having been refused by the Commodity Credit Corporation but shall remain subject to all other provisions of this order in the same manner as if such offer had not been made.

(o) Shipping or Delivery Priorities

(1) A merchandiser or country shipper shall ship or deliver preference orders, in the order in which received, to the exclusion of all other orders.

(2) A merchandiser or country shipper who has no preference orders shall, as shipping facilities become available, fill other orders for wheat in the following order of priority. All priorities shall be determined on a weekly basis and all unfilled orders carried over from previous weeks shall receive priority. In the order indicated below, over those received during subsequent weeks:

(i) First—Sales to Commodity Credit Corporation, in the order in which received.

(ii) Second—Export sales authorized as provided under paragraph (m) hereof, in the order in which received.

(iii) Third—Orders from millers, mixed feed manufacturers, or food manufacturers, when

(Concluded on page 189)

Annual Meeting of Colorado Dealers

The annual meeting of the Colorado Grain, Milling and Feed Dealers Ass'n was held Feb. 17 and 18 at the Shirley Savoy Hotel, Denver, Colo.

No formal program was planned for Sunday. Committee meetings were held, exhibits were inspected, and individual problems were discussed with others in the convention parlor. The directors met in the secretary's room.

Pres. VINCENT KERWIN of Pueblo called the meeting to order at 9:15 a.m., Monday, introducing R. H. Tucker, extension agronomist, who spoke on "Seed Improvement in Colorado."

Pres. Kerwin's Annual Address

Pres. Kerwin in his annual address said: 1945 has been an unusually active year in our association affairs. In May, Lloyd Case was hired on a full time basis and requested to initiate a program that would compare favorably with the best undertaken by any of the ass'ns anywhere.

TRAINING COURSE—Shortly after, at one of our directors meetings, proposals to initiate a two year training course in co-operation with the Colorado Agricultural college were made and out of the discussion it was recommended that an intensive course be worked out to last not over four weeks as the industry needed trained men immediately.

The College favored the plan and after a series of conferences, a course of three weeks was prepared and offered. Due to the intensive nature of the course and limited laboratory facilities, enrollment was set at a minimum of twenty and a maximum of thirty. As we enter our convention, a third of the reservations have been made.

The college is willing to undertake offering the two year course but recommend that before they undertake it that we survey our industry and classify its needs and the approximate pay levels of the various jobs requiring trained men. It is hoped the secretary can complete this survey in 1946.

ORGANIZING OTHER STATES—At the same

directors meeting, a communication from the Grain & Feed Dealers National suggesting in view of the record of our association and the recognition it had received, that we make our secretary's office available to handle detail for other states similar to Colorado whose sparse population made it impossible to maintain an office. This proposal was approved by your board and since that time I have attended an organization meeting in New Mexico that resulted in the organizing of a Grain & Feed Dealers Association there. Arthur Ravel of Albuquerque, was elected their first president and the association now numbers about twenty paid up members. Arrangements are complete to hold similar meetings in Montana.

INCREASED MEMBERSHIP NEEDED—Considering every source of revenue, your directors early realized that we could not hope to hold Mr. Case unless we could raise enough money to reimburse him properly. We were aware of offers of other states who wanted a man of his capacity, and pledged ourselves to obtaining a substantial number of new members and supporting any logical proposition that would increase our revenue. He has co-operated in every possible way and at one-third of the pay offered by others. He has told me he felt our association would eventually grow to the point where it could pay a decent salary if everybody would work together and he felt that if we showed our people what we could do there would be little question of getting their support. He wants to live in the mountain states and we want to keep him on the job if at all possible.

Partly thru our efforts and partly thru the efforts of the office, we have added about 75 new members during the year. We must add at least fifty more if we are to maintain the office properly and keep the help coming to us. The bulletins alone have been worth far more than the dues we have paid to say nothing of the countless other benefits we have received.

We treated members and non-members alike feeling we were justified because it was a war year and we should do everything in our power to keep the industry going and acquaint everyone with what they could expect from an active organization.

Naturally our expenses ran up and we are ending the year a little short of enough to guarantee operations through 1946. However, I

believe we have justified ourselves and will receive the support we must have to get along.

We will be forced to cut our mailings back to those who are paid and limit our services to those in good standing.

FACE PERPLEXING PROBLEMS—In my opinion, we are faced with even greater and more perplexing problems in the coming years than we have been facing and unless we can maintain an active association we are going to find it increasingly difficult to keep going. I believe that as a result of our associations activities we have saved every dealer in the state many times over his dues for the next five years.

I can see in the future where further government orders, legislation and other matters vitally affecting our welfare will require someone designated to look out for us.

The government is recognizing associations such as ours and depending upon them more and more for information on which to base their judgment as well as a medium through which the information vital to the trade can be brought to its attention.

While a great deal has been involved and much time has been required, I have enjoyed the term of President. I have seen our association gain national recognition through its programs and have in many ways benefited personally from the associations.

I hope that we will all in the ensuing year do everything in our power to insure a continuance of the fine organization we now have. There is every reason to believe we can and will continue our efforts and so remain a constructive factor in keeping our trade and businesses in a healthy condition.

RAY BOWDEN, St. Louis, Mo., executive vice pres. of the Grain & Feed Dealers National Ass'n, was on the firing line in the panel discussion of industry problems. In the afternoon Mr. Bowden delivered an address on "Washington and the Trade."

Sec'y Case's Annual Report

LLOYD N. CASE, Fort Collins, Colo., presented his annual report, as follows:

The members of the Colorado Grain, Milling and Feed Dealers Ass'n can well feel proud of their part in the growth and achievements of their organization in 1945. In point of member-

(Continued on page 180)

Directors: Colorado Grain Milling & Feed Dealers Association



Standing: W. B. Johnson, Longmont; A. E. Owens, Colorado Springs; L. W. Hiser, Durango; H. C. Harrison, Arriba; Lloyd Rieck, La Junta; L. L. Yowell, Holyoke; George Irelan, Yuma.
Sitting: H. E. Lague, Monte Vista; Lloyd Case (Sec.), Fort Collins; Vincent Kerwin (Pres.), Pueblo; Ralph Farr, Greeley.
(Not Shown: Chas. Deaver, Sidney, Neb.; Del Gerdon, Denver; Arthur Havel, Albuquerque, N. M.).

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds are always welcome.

Winchester, Ind., Mar. 15.—Winter wheat is looking fine and most of the elevators we called on reported that farmers were all busy ploughing.—Goodrich Bros. Co., C. C. Barnes, Exec. V-Pres.

Marietta, Kan., March 11.—The growing wheat is showing nice and green and is making satisfactory growth. Oat sowing well along. Timely rain last week, putting ground in fine condition.—Marietta Stock & Grain Co., by J. A. Howell, Asst. Mgr.

Winters, Tex., March 9.—A record-breaking grain acreage has come thru the winter in this area in good shape. It is estimated that 25,000 more acres have gone into grain this year than last year and that this area will be able to ship a record-breaking amount of grain this season to help alleviate the world grain shortage.—H. N.

Russell, Kan., Mar. 8.—Take-all foot-rot, a new crop disease which made its appearance last spring, took a heavy toll of the wheat crop in a four-county area last year, according to the agricultural station office. The disease cut down the usual bumper yield to about an eight-bushel-to-the-acre average in the heaviest his counties of Barton, Ellis, Ellsworth and Russell.—I. D. A.

Pratt, Kan.—Warm weather that followed the recent rain has resulted in almost phenomenal growth of the wheat in this territory. Continued warm weather will give the plants sufficient growth to withstand any more high winds. Rains here averaged about two inches and extended over all the southwest. They fell so slowly that all of the water soaked into the ground, giving a top soil moisture of several inches.—G. M. H.

Portland, Ore.—The outlook for Pacific Northwest wheat is very good. According to Willard N. Crawford, field secretary of Northwest Crop Improvement Ass'n., the prospects for the coming wheat crop are better than for many years. The winter wheat got off to a good start last fall throughout most of the area, and there has been practically no winter kill. Now with warm spring weather approaching the crop has begun a rapid spring recovery growth. Even the slow starting "Turkey" wheats in the Big Bend are beginning to "stir." Total rainfall for the season is about up to normal and soil moisture reserves are high.—F. K. H.

Topeka, Kan.—Growing wheat in eastern Kansas looks good, but on Feb. 5th we had a dust storm over the dust bowl area that was the worst in ten years and made a lot of us very "dust damage conscious." The lack of top

moisture this winter has made all that great wheat producing area susceptible to windstorms. As yet we have not heard as to just how much damage has been done but undoubtedly considerable and this is just the beginning of the blowing season. Account of the dry fall and winter, wheat did not get enough growth to furnish any ground covering to hold the loose earth.—The Derby Grain Co., F. A. Derby.

New Mexico Promises Record Crop

EL PASO, Tex.—The greatest wheat crop in New Mexico's history was in prospect this week with an estimated 455,000 acres sown in winter wheat plus 30,000 acres in spring wheat. Growers report that a little cooperation from the weather man will allow New Mexico to help relieve the nation-wide grain shortage.

They reported that enough moisture has already fallen to assure a crop, but with a little more moisture the Eastern part of the State will break all wheat production records.

Curry County, the largest wheat growing area of the State, has more than 200,000 acres in wheat this year, and if full production is made the county will produce nearly as much wheat as all of New Mexico during the drought-stricken last year when acreage totaled only 247,000 acres.—H. N.

Corn Ceiling Too Low

The distortion between corn prices and other feeds has not been corrected, and on basis of ceiling prices for the various commodities at Chicago, we again show what the conversion amounts to on a tonnage basis, as follows—

No. 2 Yellow Corn—\$1.21½ per bu. equal to \$43.39 per ton.

No. 2 Wheat—\$1.83½ per bu. equal to \$61.16 per ton.

Feed Barley—\$1.26½ per bu. equal to \$52.70 per ton.

No. 2 White Oats—\$0.83 per bu. equal to \$51.87½ per ton.

Grain Sorghums—\$2.91 per cwt. equal to \$58.20 per ton.

Thus it will be seen that corn is still by far the cheapest feed, and while the price has been increased 3c per bushel, it is still far out of line with substitutes.—Uhlmann Grain Co.

Successors to John E. Brennan

John E. Brennan, Jr. and Robert J. Brennan, sons of the late John E. Brennan, have been released from active duty with the U. S. Navy and have announced the formation of a partnership to carry on the business of John E. Brennan & Co., Chicago, cash grain commission merchants.

Before the outbreak of the war the sons were associated in the business with their father who

spent his entire business career in the grain trade, organizing his own company at Chicago in 1907. He was an active member of the Chicago Board of Trade, serving as vice-president, director, and on numerous committees.

In announcing their continuation of the business, the Brennan brothers state that it is their aim to continue in every way the high standards of service and ethics adhered to by their late father.

Charles E. Scarritt, who has been in charge of the business since the death of Mr. Brennan in 1942, will continue his association with the company.

Coming Conventions

Trade conventions are always worth while as they afford live, progressive grain dealers a chance to meet other merchants from the same line of business under favorable conditions. You can not afford to pass up these opportunities to cultivate friendly relations and profit by the experience and study of others.

Mar. 22, 23. Rocky Mountain Feed Manufacturers Nutrition Conference at Colorado A. & M. College, Fort Collins, Colo.

Mar. 22, 23. Western Seedsmen's Ass'n, Fontanelle Hotel, Omaha, Neb.

Apr. 24. Pacific Alfalfa Millers Institute, Biltmore Hotel, Los Angeles, Cal.

Apr. 25, 26, 27. California Hay, Grain & Feed Dealers Ass'n at Los Angeles, Cal.

May 2, 3. Illinois Grain Dealers Ass'n, Pere Marquette Hotel, Peoria, Ill.

May 3, 4. Texas Grain & Feed Dealers Ass'n, Galvez Hotel, Galveston, Tex.

May 14, 15. Panhandle Grain & Feed Dealers Ass'n, Herring Hotel, Amarillo, Tex.

May 17, 18. Oklahoma Grain & Feed Dealers Ass'n, Hotel Youngblood, Enid, Okla.

May 22, 23, 24. American Feed Manufacturers Ass'n, French Lick Springs Hotel, French Lick, Ind.

May 24. Oregon Feed & Seed Dealers Ass'n, Multnomah Hotel, Portland, Ore.

June 3-4. Central Retail Feed Ass'n, Milwaukee, Wis. Schroeder Hotel.

June 6, 7, 8, 9. Pacific States Seedsmen's Ass'n, at Coronado Hotel, San Diego, Cal.

June 7. Pacific Northwest Grain Dealers Ass'n, Davenport Hotel, Spokane, Wash.

June 7, 8. Ohio Grain, Mill & Feed Dealers Ass'n, the Commodore Hotel, Toledo, O.

June 11, 12, 13. Southern Seedsmen's Ass'n at Atlanta, Ga.

June 17, 18. Indiana Grain & Feed Dealers Ass'n, Sargent Hotel, Wawasee, Ind.

Directors Farmers Elevator Ass'n of Minnesota



Back Row: Ralph Iilsley, Dundas; O. A. Olstad, Rothsay; Theo. Frederickson, Murdock; Geo. Pederson, Ivanhoe; C. A. Erickson, Hallock; A. F. Nelson, Minneapolis, Sec'y. Front Row: H. A. Frederickson, Windom, Vice-Pres.; J. E. Brin, Stewartville, Treas.; Oscar A. Olson, Truman, President. Photo courtesy Strong-Scott Mfg. Co.

Grain Movement

Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

Sunman, Ind.—All protein feeds are scarce; ear corn is very difficult to get.—Roman Feed, mgr., Ripley Co. Farm Bureau Co-op. Ass'n, Inc.

Sunman, Ind.—Plenty of field seed and fertilizer prospects are good. But little surplus corn in this section. Business is generally good but I cannot get all the feed that I could sell.—Roy Nedderman.

Oswego, N. Y.—Grain shipments on the Barge Canal in 1945 totaled 605,553 bus., the State Department of Public Works reported. Most of the grain was shipped from Oswego to Albany, where it was transhipped principally to Europe.—G. E. T.

Sunman, Ind.—Seed supply is reasonable, the demand is great. Seed corn supply looks favorable, but there is no surplus corn in this section. Fertilizer supply at this time looks good. Can sell more feed than we can get.—Al Brunsman.

Gibson City, Ill.—Coal cars, open topped gondolas, have been used extensively here in shipping shelled corn from the Central Soya elevators to its drier and milling plants at Decatur, Ind. A severe shortage of box cars that has plugged many elevators, and also the strike bound T. P. & W. elevators, has encouraged a heavy movement of corn by trucks to the local Soya Co. elevator.

Lincoln, Neb.—The state A.A.A. has asked Nebraska farmers to increase corn plantings from 8,596,000 acres to 8,741,000 this year, and soybeans from 20,000 to 40,000. New production goals will mean a delay in farmers' reconversion toward a peacetime pattern of soil management and the increased acreage may call for a reduction in hay, rotation, pasture and oats and for greater utilization of land that might be left for summer fallow.

Ottawa, Ont., Mar. 7.—The following quantities of wheat and coarse grain were delivered from farms in western Canada this week ended Feb. 28, expressed in bushels: Wheat, 1,518,194; oats, 1,661,580; barley, 233,394; rye, 20,815; flaxseed, 12,261; since August 1, 1945, compared with the like period a year ago, shown in parentheses: Wheat, 188,190,366 (259,657,854); oats, 72,311,009 (75,964,706); barley, 55,599,980 (65,739,929); rye, 2,667,560 (3,133,350); flaxseed, 4,581,493 (6,633,540).—Herbert Marshall, Dominion Statistician.

Houston, Tex.—A total of 1,337,645 bus. of wheat, largest export of wheat to foreign markets since the war, was shipped from Port Houston during February, according to figures compiled by the Houston Merchants Exchange. The previous high postwar month was July, 1945, when 1,077,866 bus. of wheat were exported. Since July 1, 1945, there has been exported from Port Houston to foreign markets 5,011,248 bus. of wheat, 1,717,888 bus. of grain sorghums, 116,243 bus. of corn, 175,000 bus. of oats and 326,924 bus. of soy beans.—H. N.

Barley Movement in February

Receipts and shipments of rye at the various markets during February, compared with February, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	39,162	3,847		
Chicago	1,193,000	798,000	418,000	311,000
Duluth				
Superior	105,000	224,345	663,380	557,040
Ft. Worth	16,000	75,200		8,000
Hutchinson	1,250	16,250		
Indianapolis	56,000		24,000	
Kansas City	448,000	373,200	417,600	395,200
Milwaukee	2,380,950	1,395,200	590,040	621,720
Minneapolis	1,978,200	1,440,000	3,463,200	1,954,800
Omaha	242,000	130,000	320,640	196,000
Portland	44,933	389,981	27,500	
St. Joseph	49,400	49,400	32,300	43,700
Superior	87,948	150,815	767,447	411,296
Toledo	61,500	46,500		27,000
Wichita	1,600	22,400	4,800	12,800

Death of Guy A. Thomas

After several weeks' illness of a brain tumor Guy A. Thomas passed away Mar. 9 at North-western Hospital, Minneapolis, Minn.

He was born 71 years ago at Keeseville, N. Y., removed to Fargo, N. D., and Minneapolis, Minn., where as a boy he sold newspapers on the streets.

His connection with the milling business began as a stenographer for the Washburn-Crosby Co., with whom he remained for 30 years, 14 years as sales director.

He had been a director of the Archer-Daniels-Midland Co., Big Diamond Mills, Buffalo Flour Mills Co., Airy Fairy Foods, Inc., Allied Mills, Inc., National Tea Co., Chicago & North-Western Railroad Co., president of G.B.R. Smith Milling Co., Larabee Flour Mills Co., Commander Milling Co., Minneapolis Milling Co., and Sun-Fed Flour Mills.

At the time of his death he was chairman of the board of Colorado Milling & Elevator Co. For 7 years he was pres. of the Millers-Traders Bank, which he helped organize, pres. of the John W. Thomas Co., and of the Guy A. Thomas Investment Co., of New York.

He held membership in the Elks Club; the Minikahda Club, Minneapolis; the Lake Shore Athletic Club, Chicago, and the Embassy and Everglades clubs, Palm Beach, Fla.

Surviving are his wife, Lulu F. Thomas, and a son, Guy A. Thomas, Jr.



Guy A. Thomas, Denver, Colo., Deceased

Rye Movement in February

Receipts and shipments of rye at the various markets during February, compared with February, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	639,845	12,454	261,600	
Chicago	154,000	40,000	672,000	228,000
Duluth-Sup'r		2,035	1,010	20,590
Ft. Worth				1,500
Hutchinson	1,250	1,250		25,200
Indianapolis	1,800	9,000		
Kansas City	55,500	16,500	33,000	7,500
Milwaukee	32,400	1,620	30,780	1,720
Minneapolis	268,800	67,200	296,000	67,200
Omaha	164,469	39,600	126,000	32,400
Philadelphia		76,182		36,874
St. Joseph	5,190		5,190	
Superior		2,214		6,821
Toledo	3,000		1,500	
Wichita	1,600		1,600	

Oats Movement in February

Receipts and shipments of oats at the various markets during February, compared with February, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	2,004,205	93,662	1,612,759	
Chicago	2,600,000	776,000	3,369,000	1,139,000
Duluth-Sup'r	955,280	1,746,785	1,599,195	977,215
Ft. Worth	510,000	176,000	394,000	86,000
Indianapolis	440,000	110,000	482,500	200,000
Kansas City	628,000	218,000	876,000	148,000
Milwaukee	471,500	112,700	503,500	102,125
Minneapolis	4,545,600	2,505,600	5,949,600	2,436,000
New Orleans	284,875	2,000	280,470	34,345
Omaha	930,600	468,600	1,032,100	526,200
Philadelphia	1,323,641	26,829	1,713,588	28,146
Portland	88,928	181,192		
St. Joseph	290,280	436,600	101,480	23,600
Superior	305,174	570,379	618,819	267,299
Toledo	352,800	92,400	690,900	67,200
Wichita	4,000	8,000	4,000	3,200

Corn Movement in February

Receipts and shipments of corn at the various markets during February, compared with February, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	218,777	1,687,098	9,125	815,500
Chicago	14,551,000	12,260,000	5,245,000	4,172,000
Duluth-Sup'r	320,615	899,585	175,650	426,540
Ft. Worth	103,500	214,500	15,000	70,500
Hutchinson	3,750			
Indianapolis	2,400,400	2,135,200	950,300	1,385,500
Kansas City	2,874,700	3,444,200	1,629,000	2,391,000
Milwaukee	1,728,600	872,040	31,860	350,460
Minneapolis	2,324,800	3,124,800	1,950,400	3,192,000
New Orleans	97,909	75,842	69,571	39,763
Omaha	2,620,204	3,862,800	2,577,400	3,481,200
Philadelphia	188,040	63,949	40,494	225,956
Portland	57,252	61,373		
St. Joseph	851,840	1,214,400	563,200	913,440
Superior	317,878	421,153	166,158	216,990
Toledo	697,800	569,600	380,800	260,800
Wichita	6,800	8,000	1,700	1,600

Soybean Movement in February

Receipts and shipments of soybeans at the various markets during February, compared with February, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Chicago	549,000	336,000	1,428,000	638,000
Ft. Worth			33,600	
Indianapolis	35,200	11,200	108,800	43,200
Kansas City	187,000	34,000	557,600	200,600
Milwaukee	188,000	46,400		
Minneapolis	39,000	39,000		
New Orleans	191,110	74,584		
Omaha	152,000	27,200	12,800	83,200
St. Joseph	70,000	28,000	10,500	14,000
Toledo	251,200	196,800	240,000	57,600
Wichita	3,600	20,800		

Wheat Movement in February

Receipts and shipments of feed at the various markets during February, compared with February, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	4,929,934	1,579,232	5,935,161	3,299,074
Chicago	687,000	804,000	476,000	1,522,000
Duluth				
Superior	2,047,655	505,725	2,300,755	481,950
Ft. Worth	1,376,200	1,079,400	609,000	961,800
Hutchinson	2,779,050	1,375,650		
I'd'n'polls	563,400	275,400	423,000	68,400
Kan. City	8,037,000	3,506,400	10,384,900	2,799,900
Milwaukee	17,600	12,800	18,840	139,730
M'n'polls	4,758,400	4,123,200	2,657,600	2,643,200
New O'lns	2,293,200	337,400	2,245,159	593,608
Omaha	2,230,533	726,370	3,425,600	681,925
Phil'phia	4,650,334	719,766	4,599,700	2,108,661
Portland	1,432,245	507,956	837,445	
St. Joseph	975,590	595,490	735,480	425,350
Superior	1,449,800	242,789	1,517,411	217,164
Toledo	353,600	928,200	154,700	499,800
Wichita	1,204,200	1,329,400	2,201,400	1,421,200

Locally serious dust blowing in Southern Great Plains early this month did not come from the "old" dust bowl area, according to the Soil Conservation Service of the U. S. Department of Agriculture.

A 10 per cent decrease in world rice production for 1945-46 compared with the previous season is shown by a report of the United States Department of Agriculture's Office of Foreign Agricultural Relations. The drop in 1945-46 rice production from the prewar average (1935-36 to 1939-40) is estimated at from 15 to 20 per cent. The world rice harvest for 1945-46 is given at 6,200 million bushels, rough basis, compared with 6,700 million bushels the year before, and a prewar average of 7,400 million bushels.

Annual Meeting Colorado Dealers

(Continued from page 177)

ship we have grown from 100 to 179 which includes 19 members from New Mexico who are linked with us thru the Rocky Mountain organization (which was approved by your directors during the year) and also 14 members from our trade area in Nebraska and Wyoming. We gained a total of 81 new members altho our net gain was 70. Eight dropped for one reason or another such as a firm changing hands or discontinuing and three dropped from non-payment of dues.

Three directors meetings were held during the year. One at Pueblo and two in Denver. A quorum was present in each instance and it must be remembered that the directors attend these meetings on their own expense.

In May an agreement was entered into with the Secretary by the board placing me on a full time basis contingent on the income meeting the expense and freeing the organization of any liability in case ends did not meet. I moved to Fort Collins in order to be near the state Agricultural College. I realized the need of working with them and ironing out any misunderstandings which might occasionally arise and also to gain their help for our industry.

We started out the year with \$212.68 and wound up with \$470.76 and all our bills paid. Our expenses were taken care of from a profit of \$1,038.48 from the publication of the directory and from dues. Our total revenue from dues amounted to \$1,957.74. This figure must be bettered 50 per cent in 1946 to insure the continuation of the association on its present active basis.

Your directors and secretary early realized that even if 100 per cent of the dealers in Colorado belonged, they could not support an office and a full time secretary. In trying to find a solution, advice was sought from the Grain & Feed Dealers National and it developed they were also confronted with a problem. Their problem was to be able to say to Congressional Committees: "We represent the trade in certain areas" and when the congressman from Montana or Wyoming or New Mexico asked if they represented his state, to be able to say, "yes."

So they suggested we get in touch with groups in these other states and see if we couldn't work out a deal to share overhead expenses and help them, too, in the same way we were helping Colorado.

Due to the press of other affairs, we could not get at this until late in the fall and completed the New Mexico organization in January and have preliminary plans to meet with Montana groups late in March. Wyoming so far has indicated they are not interested in a state association but would prefer to tie in the northern half with the Montana group and the southern half with Colorado. We have not checked with a majority of them yet, however.

THE PLAN works on the basis of each state

having its own directorships and official family with the Rocky Mountain Association acting as a "holding company" to manage their conventions, keep them supplied with current information and assisting in the solution of their problems. It cannot be stated for certain at this time that the greater area covered will solve the problem of maintaining the expense of an office. It will depend on whether or not an adequate number take memberships in excess of the expenses involved in servicing their needs.

ACTIVITIES OF SECY'S OFFICE—We published a directory early in the year that has become the handbook of the industry and copies of it were purchased from nearly every state in the union. We are working again on our 1946 Directory and have plans to make it much more complete and usable than the 1945. The listings will be increased to 100 per cent for New Mexico and Wyoming and the border counties of Nebraska and Kansas. If the Montana group affiliate in the RMA, 199 per cent listings of them will be included. However, we can only accomplish that if we are fortunate enough to retain our 1945 advertisers and gain a 50 per cent increase.

Our office mailed out from three to five bulletins a month containing as much as six pages. These bulletins contained interpretations of government orders as well as items of current interest.

When the feed order 585 was put out, we assisted practically every feed manufacturer in filling out forms and qualifying. As a result of our efforts, OPA administrator claimed, Colorado was well at the top of the list when a survey was made in percentage of firms filling properly.

Your secretary attended a meeting called at St. Louis to explain the workings of the Feed Order, OPA 585. He also attended the convention of the National Association of Omaha and at the same time met with the Circle Group of Secretaries of the other active associations.

In a sense, our office has acted in an editorial capacity. Endless time has been spent reading orders and other items weeding out that which was not pertinent to Colorado and retaining that which our trade needed to know. This material would have had to have been read by every dealer if we hadn't done the reading for him.

We have received and answered hundreds of letters from those seeking advice on the application of the regulations to locating some device or piece of equipment.

To accomplish our program we must have the complete co-operation of the trade and a substantial increase in membership. Our program is even more ambitious than some of the states numbering several hundred members. I cannot say if Colorado and the Rocky Mountain Group will be able to do the job. I hope they will and propose to do everything in my power to help them.

I hope our efforts are bearing fruit and warrant the confidence and cooperation of every single operator. I hope where we have failed there will be tolerance and invite honest criticism of our operations. We have sincerely tried to merit confidence and to fulfill expectations. Our idea of a trade association is an organization so set up that it can do legally for its members what they cannot individually do for themselves. To look out for their interests, to keep them advised and to be of help in every possible way.

Before concluding this report and offering the financial statement, I wish to pay particular respect to the board of directors whose great interest and cooperation has served to encourage me and make possible the gains we have made. These men have given unstintingly of time and energy to further the interests of the association and are entitled to especial appreciation from everyone in the trade.

Financial Statement

Year Ending December 31, 1945	
Cash on hand Jan. 1, 1945.....	\$ 212.68
Sale of Directories	61.50
Directory Advertising	1,585.43
Sale of OPA forms	4.00
Income from Dues	1,957.74
	\$3,821.35
Expense	
Publishing Directory	546.95
Speedprint Duplicator	40.29
Speedprint Counter	6.63
Mimeoscope	20.40
Postcard Duplicator	5.10
Dues: Grain & Feed	
Dealers Nat'l	46.00
OPA Orders Material	23.73
Seed Show Prizes	50.00
Directors Luncheon	8.98
Unclassified Miscellaneous	18.44
Postage	159.11
Traveling Expense	414.60
Telephone & Telegraph	161.65
Office Supplies & Printing	375.22
Secretaries Salary	1,100.00
Stenographer Expense	73.15
1945 Convention Deficit	210.34
	\$3,350.59
Cash on hand Dec. 31, 1945.....	470.76
	\$3,821.35



Vincent Kerwin, McClelland Mercantile Co., Pueblo, Colo.

Resolutions Adopted

P. A. Archambault, chairman, presented the following from the resolutions committee, which were adopted:

Abolish O.P.A. and Other Government Controls

WHEREAS: When ceiling prices are established so low as not to reflect true values, commodities disappear from the market and,

WHEREAS: Price control retards the creation of supply to satisfy the demand, and

WHEREAS: Our economic planners who retain an emotional hangover continue to wander in the wilderness of confusion and endeavor to balance supply and demand by regulations and price control, and

WHEREAS: Without production there can be no real prosperity, and

WHEREAS: Subsidies are simply deceptive as the taxpayers pay the bill, and

WHEREAS: Black markets are constantly becoming more prevalent, and

WHEREAS: It is impossible for a free people to accept government control of their own personal affairs,

RESOLVED, the secretary is hereby instructed to demand of our senators and representatives that O.P.A. and all governmental subsidies be abolished. We further demand as a free people that the many rules, regulations and directives which were inflicted on the American people during the stress of war be revoked instantly.

H. R. No. 5308 (Angora Rabbit Wool)

We favor Bill H. R. 5308, sponsored by the Angora Rabbit Wool Producers, so as to protect and foster the Angora Rabbit Wool Industry, which is giving, and will give employment to many incapacitated veterans.

S. 1349 Fair Labor Standards Act

WHEREAS our industry is closely allied with the farmer in distributing many of his products in the form of animal and human food, and

WHEREAS, in view of our expenses being barely covered by the limited margins permitted under OPA, it becomes apparent any additional expenses will have to be passed back to and borne by the farmer, this association,

REAFFIRMS its stand with respect to Sec. 13(a) 10 which gives country elevators in the "area of production" exemption from the hours and wages provision of the act and asks that section be retained in the new bill now being contemplated by the Congress.

H. B. 2788 (Gwynne Bill)

WHEREAS, it is the feeling of the members of this Association that businessmen are entitled to limitation of liabilities which result from erroneous or invalid interpretations of federal administrators, and

WHEREAS, no firm should have its financial stability jeopardized when it confidently and honestly abides by an administrator's ruling such as the "area of production," which now

(Continued on page 189)



Lloyd N. Case, Fort Collins, Colo., Executive Sec'y Colorado Grain Milling & Feed Dealers Ass'n.

Grain and Feed Trade News

Reports of new elevators, feed mills, improvements; changes in firms; fires, casualties, accidents and deaths are solicited.

ARKANSAS

Morrilton, Ark.—Stalling Bros. are setting up machinery for a feed mill on East Railway Ave., to manufacture "Big Four" brand poultry, hog, dairy and horse and mule feeds.

Glenwood, Ark.—Floyd Wright has purchased the Coy Grant Feed Store. He will be assisted in operation of the business by his two sons, Willard and F. H., who are now in the Navy, but expect to be released soon.—J.H.G.

Little Rock, Ark.—Charles E. Smith Sr., 80, retired grain dealer, died at a Little Rock hospital Feb. 27. He operated the C. E. Smith Grain Co. until retiring in 1936. He was a member and former president of the Rotary Club.—E.W.F.

Magnolia, Ark.—The Ark-La Cotton Oil Co.'s feed plant burned recently, the loss estimated at \$70,000 by J. N. Williams, sec'y and manager of the company. A faulty electric switch box caused the fire, he stated. The company will rebuild the plant as soon as possible.

CALIFORNIA

Dos Palos, Cal.—Wilkenson & O'Brien will erect a feed mill and warehouse here.

Orland, Cal.—John Harris and Arlie Gardner have leased the Farmers Exchange Mill and Feed Store from Wm. Vereschagin.

Petaluma, Cal.—George J. Ross, Golden Eagle Milling Co. past director and active in work of the California Hay, Grain & Feed Dealers Ass'n, died unexpectedly of a heart attack Feb. 28.

Fresno, Cal.—Topper Feed Mills, a new firm, has opened for business. Arne Jalonen and R. H. Frantzich are partners in the enterprise. A mill and warehouse, under construction, will be in operation this month. Both men formerly were associated with the San Joaquin Valley Poultry Producers Ass'n.

Modesto, Cal.—The feed and grain business here is in a bad shape. Practically all local grown barley has either been fed up or shipped out of the country for brewing purposes. With the curtailments on wheat and corn shipments it has put the poultry and livestock men in a position where they have to quit business.—Farmers Warehouse Co.

Redondo, Cal.—The Redondo Milling Co., Redondo Beach land mark, has been sold to Martin L. Keller and Ralph J. Bates, who plan to use part of the plant for their new metal plating enterprise. The Redondo Milling Co. was organized in 1915 after being in operation as a partnership for 8 years. Its functions started with cleaning and hand-picking lima beans, but eventually the corporation increased its activities to include feed, barley and fuel. The plant's activities dwindled when the railroad tracks were removed some time ago, and the plant later closed.

CANADA

Bowmanville, Ont.—F. Morley Vanstone and his brother, Byron, have acquired the local flour milling plant from their father, F. C. Vanstone. It will be operated in future as the Vanstone Flour and Feed Mill.

Smithville, Ont.—The 75 bbl. flour milling plant of the Acton estate has been purchased by D. Muir, J. Pennell and Dr. R. C. Topp, all of Smithville. The business will operate as the Smithville Flour & Feed Mill.

New Westminster, B. C.—The B. C. Distilling Co., Ltd., has been issued a permit to build a \$110,000 plant to manufacture high protein feed, a by-product from waste grain mash. The new plant will be of steel frame, hollow tile construction, 65x84 ft. and 56 ft. high. It is expected to be in operation in five months.

Peterborough, Ont.—The Quaker Oats Co. of Canada has announced the election of L. H. Ingram as vice-pres. Mr. Ingram has been associated with the company since 1918. Announcement also was made of the appointment of W. P. Noble as manager for western Canada. Mr. Noble has been with the company for 28 years.

Vancouver, B. C.—Cargill Grain Co., Ltd., the Canadian branch of Cargill, Inc., of Minneapolis, Minn., has opened an office here and has applied for a membership in the Vancouver Grain Exchange. J. J. Conn will have charge of the local office, who will have head offices in Winnipeg and work through the parent company headquarters in Minneapolis.

Depot Harbor, Ont.—The Depot Harbor elevator, operated by Wm. H. Johnson of Montreal as a storage unit following the termination of the lease held by the Stratton Grain Co. of Milwaukee and Chicago, has been closed. The wood elevator was one of the early houses on Georgian Bay and played an important role in the Chicago to New England movement of grain.

Calgary, Alta.—The 2,500-bbl. mill of Spillers, Ltd., has been purchased by a newly formed company, Renown Mills, Ltd., and the mill, idle since 1933, will be placed back in operation. R. J. Pinchin, Midland, Ont., will be manager of the new company, which is closely identified with the interests who operate the Copeland Flour Mills, Ltd., at Midland. The building and equipment of the local plant have been kept in sound stand-by condition. The plant itself will require only minor repairs.

COLORADO

Fort Collins, Colo.—The program of the nutrition conference of the Rocky Mountain Feed Manufacturers on Mar. 22 and 23 is published elsewhere.

Longmont, Colo.—K. L. McGalliard has been made manager of the Colorado Milling & Elevator Co.'s local plant. He formerly was in charge of the company's plant at Dolores, Colo.

Greeley, Colo.—Lawrence Robinson & Sons, Modesto, Cal., recently completed a dehydrator and receiving warehouse here. When present plans are carried out, the modern, semi-fire-proof structure will be 80x70 ft. The dehydrator is equipped with a gas fired boiler and 25-h.p. motor and fan. Drying capacity will be 8,000 lbs. per 24 hrs.

ILLINOIS

Crystal Lake, Ill.—The National Grain Yeast Corp. is building a concrete block mixing house, 6x27 ft., at its plant.

Carrollton, Ill.—Francis Baltz is remodeling the small brick building south of Baltz Bros. building, for his feed business.

Ritchey (Wilmington p.o.), Ill.—Norman F. Butterfield recently sold his elevator to Vernon Rabideau and Harry Karsgard of Ashkum.—M.J.M.

Grayville, Ill.—E. H. Morris, who recently sold his elevators to Major Bailey of Browns, has brought back the Grayville and Crossville elevators.

Martinton, Ill.—Mrs. James Rhoades has resigned from her position with Martinton Grain Co., which she held for the past 12 years. Walter Schroeder is filling the vacancy.

Moweaqua, Ill.—We have a new concrete bin, 25 ft. diameter and 62 ft. high, with a capacity of 21,600 bus., built by J. E. Reeser & Son.—Moweaqua Farmers Co-operative Grain Co.

New Berlin, Ill.—We recently purchased the elevators at New Berlin and Prouty Station from the Murphy Grain Co. This now gives us plants at Pleasant Plains, Richland, Farmingdale, Station and New Berlin.—Hagen Grain & Milling Co.

Strawn, Ill.—I have disposed of my grain, lumber and coal business at Strawn, Risk and Cereal to The Quaker Oats Co. who took possession on March 1. Fred Aellig will be the manager at Strawn, Walter Farney at Risk and Ira Lehman at Cereal. I will continue to manage the Cereal Sales Agency at Strawn after operating the grain, lumber and coal business here for 30 years.—Harry Tjardes.

Lacon, Ill.—The Terminal Grain Co. is installing a new 40-ft. platform lift and 40-ft. deck scale at its water terminal on the Illinois River. A portion of the roadway near the elevator recently was vacated by the Lacon City Council to make possible building a driveway. In addition to the water terminal the company operates feeder elevators at LaRose, Lacon, Camp Grove and Washburn, under the supervision of Chas. Potter.

Pauline (St. Joseph p.o.), Ill.—I have had three robberies this winter and have decided to install a burglar alarm system. Incidentally, would like to warn elevator operators in this vicinity to be on the lookout for small pick-up load of beans, stolen sometime after Dec. 13 and again Feb. 27; a Victor adding machine No. 8-179364 (taken Feb. 23 or 24); homemade power lawn-mower, painted aluminum, with Briggs-Stratton motor.—C. L. Reichard.

Oregon, Ill.—The Rock River Milling & Grain Co. twin elevators, owned by John Pierce and Lester Sanderson, were destroyed by fire recently. They contained 3,000 bus. of soybeans, 1,000 bus. of oats and a large quantity of ground feed. The fire broke out about 3 a.m. and was discovered by a night watchman. When firemen arrived the houses were one mass of flames. Erected about 70 years ago, the elevators stood 100 ft. high and were an Oregon landmark. The elevators had been emptied of most of their contents a short time before the fire.

Newark, Ill.—The Farmers Elevator, Co. held its annual stockholders meeting on March 2 for the election of directors. The annual report showed a net profit of over \$25,000.00. Of this amount, \$19,000.00 was paid out to stockholders, 6 per cent interest on stock and the balance as patronage dividends. A fair sum was set aside for buildings to be erected as soon as possible. During the year, the company handled over 755,000 bus. of grain. Harvey Norem, the president of the company, is now manager, taking charge after the death of Roy Halvorsen who had managed the company since its organization.—O. E. J.

Seatonville, Ill.—The Northwestern Grain & Livestock Co. entertained 168 farmers at its annual meeting held recently in the Congregational Church basement. Burl F. George, Sr., Spring Valley, was principal speaker on the afternoon's program, whose subject dealt with war time shortages of farm machinery. During the business meeting just before noon, A. J. Torri, manager, announced a 10 per cent dividend had been declared by the directors. He also told of plans being made for expansion of the elevator and mill, stating engineers had been called in to make a study of company property and equipment and recommend improvements needed. The company voted a gift of \$500 toward the purchase of a community fire engine as planned by the Seatonville fire department.

CHICAGO NOTES

Wm. A. McKenna, with Jas. H. Oliphant & Co., and a member of the Board of Trade since 1932, died Feb. 27.

Hales & Hunter Co., formula feed manufacturer, has moved its offices to the 36th floor of the Board of Trade Building.

Stuart Nordvall has been elected a vice-pres. of Arcady Farms Milling Co. He has been a feed buyer for the company for 20 years.

Robert H. Griffiths, well known in the feed trade, has been appointed general purchasing agent of Allied Mills, Inc., to succeed Louis F. Springer, who recently died.

The following have been admitted to membership in Board of Trade: Robert J. Brown, Park Ridge, Ill.; J. Benedict Thomas, Oak Park, Ill.; Gustave Lebe, Lebe & Co., New York, N. Y.; Roberto M. Pasquel, Sociedad Financiers de Industrie, Mexico City, Mexico.

Maximum ceiling prices for grain futures were raised by the directors of the Board of Trade effective Mar. 4 in line with increased O.P.A. ceilings, as follows: Wheat, 1.83½; corn, 1.21½; oats, 83c; barley, 1.26½; rye (On contracts maturing after June 1, 1946) 1.48½.

The Chicago Board of Trade Feb. 12 notified Economic Stabilization Director Bowles that it has decided not to raise margin requirements on trade in cotton futures, as recommended by Bowles to curb speculation. Current margins are \$10 a bale in Chicago, \$15 in New Orleans and \$20 in New York.

Edwin Gavigan, 53, of 11407 S. Whipple St., foreman in the Norris Grain Co. elevator at 107th and Muskegon Ave., was fatally injured when he fell 30 ft. in a grain bin March 10. He died in South Chicago Hospital the night of March 11. With two other employees Mr. Gavigan was engaged in cleaning the emptied bin. He was descending into the bin while the other two men remained on the floor, feeding out the safety rope to him as he descended, when they noticed the rope swing free and found he had fallen.

INDIANA

Fort Wayne, Ind.—Tyner Elevator, Inc., has had its charter amended, decreasing capital stock to 666 shares, n.v.p.

Fowler, Ind.—V. H. Hunter recently purchased the Wilbert Anstett feed mill, taking immediate possession. The Anstetts plan to go to Florida.

Finly, Ind.—The Hancock County Farm Bureau Co-op., Inc., is building a branch grain elevator here to replace the structure that burned last June 7.

Sunman, Ind.—The Ripley Co. Farm Bureau Co-op. Ass'n, Inc., Roman Federle, manager, has installed a heavy duty corn sheller on the third floor of its local plant.

Versailles, Ind.—The Versailles Feed Co., has been sold by E. H. Bailey to Carl M. Adkins. Alfred C. Adkins, nephew of the new owner, will manage the company. He has been discharged from the navy after more than three years of service.

Decatur, Ind.—Fire in the drier building of Central Soya Co., resulted in about \$1,000 damage recently, as approximately 1,000 bus. of corn which had become overheated, were destroyed.

Indianapolis, Ind.—A conveyor belt at the Evans Milling Co., ignited by faulty wiring in the operating motor, fell flaming from the fourth floor to the basement recently. Firemen with the aerial ladder poured water down the closed chute. Grain in the building was damaged by smoke and water.

Indianapolis, Ind.—With war-time restrictions of travel out of the way, the Indiana Grain & Feed Dealers Ass'n is again picking up its customary mid-summer convention this year, says Sec'y Fred K. Sale. He states that the dates of the summer meeting will be Monday and Tuesday, June 17 and 18, and the headquarters will be the Sargent Hotel, Warsaw, Ind., located on Indiana's largest lake.

Hoagland, Ind.—At the annual meeting of the Farmers Co-op. Co., held Mar. 5, Henry Grotian was re-elected pres. and Martin Greibel was named sec'y-treas. A 6 per cent dividend was declared. It was decided to remodel and repair the elevator this spring when farmers are busy in the fields. The Sidney Grain Mch. Co., will do the work. Handling capacity of bulk grain and grinding and shelling of corn will be increased and the plant placed in good condition.—Bob Burns, mgr.

IOWA

Pacific Junction, Ia.—The Iowa Alfalfa Co. will build an alfalfa meal processing plant near here.

Alexander, Ia.—We have sold our business to the Quaker Oats Co.—C. C. Schulte, Schulte Grain Co.

Everly, Ia.—The Huntting Elevator has installed a new corn drier, T. E. Linnihan, manager, announced.

Davenport, Ia.—Fire in one of the mill rooms at the Ralston Purina Co. plant recently caused several hundred dollars damage.

Sloan, Ia.—The Wraybill Dehydrating Co. is building an alfalfa dehydrating plant here. Principals in the firm are Wray L. and W. H. Buser.

Rock Valley, Ia.—The Farmers Elvtr. Co. recently completed installation of a Hess Corn Drier and drier building. Younglove Const. Co. had the contract.

Ocheyedan, Ia.—E. T. Wellhausen is manager of the Co-op. Elvtr. Ass'n's elevator, resuming his duties March 1, after serving three years in the armed forces.

Independence, Ia.—Dr. M. W. Osborne has sold his partnership interest in his retail feed and seed business to Victor Frye, recently discharged veteran. The business will be known as Frye & Osborne.

Lake View, Ia.—Manley, Inc., of Kansas City, recently completed repairs on its local pop corn plant. A drier for ear pop corn was installed in a tile building, complete with heating unit. Younglove Const. Co. did the work.

Winthrop, Ia.—Ray W. Smith, 73, former local grain elevator operator who has been living with a daughter in Stuart in recent years, fell dead while on his way to the business district, March 1. He had been ill about one year.—O.E.J.

Bondurant, Ia.—The Polk County Grain & Feed Dealers met in regular monthly session, Feb. 13, with members of the state O.P.A. and county A.A.A. The Farmers Elevator Co. was host, a turkey dinner being served followed by a round table discussion.

Ireton, Ia.—Rothmer Graves, who was manager of the Ocheyedan (Ia.) Co-op. Elevator during the time its manager, E. T. Wellhausen was in U. S. service, upon the latter's return has accepted a position as manager of the local Co-op. Elevator. He has purchased a home here and moved his family into it.

Charter Oak, Ia.—Cecil Weed became sole owner of the Charter Oak Grain Co. when he purchased the interests of Fred Hollrah and Geo. Sander in the business. Frank Dietz will remain as manager of the business and Henry Marten as yard man. Mr. Weed will continue to operate the Charter Oak Hog Market and will devote his entire time to that business.

Dallas Center, Ia.—The Farmers Co-operative Co. is building a feed house along the railroad track switch, size 30 by 80 ft. It will be completed this spring, using clay building tile with cement floor. The floor will be raised as high as the railroad car floors, making easy loading for the farmers and unloading for the elevator men. They are planning to install a ton mixer and mix their own feeds. Lester H. Christian is the manager.—O. E. J.

Glenwood, Ia.—The Iowa Alfalfa Co. has been incorporated. Chas. Kuncel of Omaha is pres.; W. A. Raney, vice-pres. and general manager; M. A. Kingery, sec'y; W. Max Haney, treas. and assistant manager. Authorized capital stock is \$95,000. In an address before members of the Chamber of Commerce recently, Mr. Kuncel stated the new company will engage in the dehydrating of agricultural crops, including alfalfa, corn and other grains. A plant will be established here.

Sioux City, Ia.—S. A. McMaster and Dean G. Daniels have organized the McMaster Grain Co. Mr. McMaster has had 25 years' experience in the grain trade and has operated an elevator at Hornick for many years. From 1930 to 1940 he was interested in the McMaster-Lenoir Grain Co. Mr. Daniels recently was discharged from the navy after serving three years. He is a graduate of Iowa State College and for one year was assistant state supervisor of agricultural education in Illinois.

Floyd, Ia.—The Floyd Crossing Grain Co. held a meeting, dinner and entertainment at the Methodist Church March 1, which was attended by 110 persons. A. F. Bockman was master of ceremonies and after the dinner introduced the evening's speakers and entertainers. Talks were made by Mr. Nelson of the Rath Packing Co. of Waterloo; Frank Hauser, turkey and poultry technician; John Whaley of the promotion department of Archer-Daniels-Midland Co. of Minneapolis, who entertained the guests with feats of magic and motion pictures of scenes taken in this locality.

KANSAS

Codell, Kan.—Max Stull is now manager of the Robinson Elevator, Mr. Arnold, former manager, having resigned.

Raymond, Kan.—The Harrison Grain elevator here was robbed recently of \$5 when a thief broke into the office.—G. M. H.

Formoso, Kan.—Burglars recently entered the office of the Formoso Elvtr. Co. and made away with \$200 in cash.—G. M. H.

Clayton, Kan.—The Robinson Elevator has built an extension to its driveway and installed a new electric overhead truck lift.

Sylvia, Kan.—Raymond Schmidt, LaCrosse, Kans., was recently appointed manager of the Sylvia Co-operative Elevator.—G. M. H.

Haggard, Kan.—The Farmers Co-op. Grain Coal & Supply Co. elevator was visited by thieves recently who stole a tire and tube.

Marietta, Kan.—The Marietta Stock & Grain Co. will install a new truck lift, and make other improvements to its elevator.—J. A. H.

Wichita, Kan.—The C. Ball Feed Co., was broken into recently by thieves who ransacked the place and stole \$20 from a drawer.—G.M.H.

Marydel, Kan.—Clarence Michael Holmes, 65, manager of the Shellabarger Elevator here for 28 years, died Feb. 1, at St. John's Hospital in Salina.

Garfield, Kan.—Harry Miller, 61, pres. of the Garfield Co-operative Elevator Co., died recently at St. Rose hospital in Great Bend, Kan.—G. M. H.

Spearville, Kan.—The Farmers Elevator is building an office and installing a new truck scale.

Zurich, Kan.—The Robinson Elevator has installed a new electric head drive and a new electric overhead truck lift.

Topeka, Kan.—C. P. McWilliams, superintendent of the Kansas Elevator Co.'s terminal, attended the funeral of his father at Paola, Kan., on Feb. 28.

Copeland, Kan.—The Security Elevator here was broken into recently and a radio and two clocks stolen. Papers were strewn about in an evident search for money.

Ensign, Kan.—Thieves paid a visit to the Farmers Co-op. Elevator recently, ransacked the place and escaped with a small amount of money and a tire and tube.

Bucklin, Kan.—James Scott lost a finger on his right hand and another digit was badly cut when he reached into a screw conveyor at a local plant recently, to pull out a lump.—I. D. A.

Haven, Kan.—Lloyd Dow, manager of the General Mills, Inc., elevator, is back on duty after a three months' absence due to the serious illness of his wife.—G.M.H.

Great Bend, Kan.—A \$40,000 alfalfa mill is being constructed here by Leo Button. The plant will have a capacity of one ton of dry meal per hour, and will be in operation by the middle of May.—E. W. F.

Montezuma, Kan.—The Farmers Co-op Elevator was broken into recently, the place searched and the cash register rifled. An unsuccessful attempt was made the same night to enter the Kansas Milling Co. elevator.

Sylvia, Kan.—Chris Forwalder, 76, a retired grain man who for many years with the Farmers Elevator at Sterling, Kan., and the Midwest Grain Co., died March 5 after a six months' illness. He lived here 14 years.—G.M.H.

Hanover, Kan.—Henry M. Mueller, 75, who had engaged in the flour milling business, and had also been a grain buyer, died Feb. 28 of a heart attack. He had been in partnership with Emil Miller, with a branch office at St. Joseph, Mo.—G.M.H.

Brookville, Kan.—Gordon Nelson Gustaffson, 29, World War II veteran, who was foreman of a local elevator before entering the service, was killed recently on a farm 12 miles southeast of Salina, when a tractor being loaded on a truck fell on him.—G.M.H.

Geneseo, Kan.—A Kansas charter was granted recently to the Geneseo Grain Co., Inc., to handle and mill grains. The corporation will start business with \$10,000 of an authorized \$25,000 capitalization. John O. Borgen was named resident agent.—G.M.H.

Johnson, Kan.—Two new grain elevators, one in Johnson, the other in Manter, Kan., will be built this spring by the Johnson Co-operative Grain Co. The elevator at Johnson will hold 250,000 bus., and the one at Manter will have a capacity of 70,000 bus.—G.M.H.

Holyrood, Kan.—A laceration of the scalp, minor chest injury and a bruised shoulder with a good shaking up were the only injuries Henry Disque, 74, sustained in a 14-ft. plunge to the bottom of a concrete pit at the new Co-op. grain elevator recently.—I. D. A.

Sylvia, Kan.—Merle and Leonard Banz have purchased the Consolidated Flour Mills Co. grain elevator and storage equipment and the firm will be known in future as the Sylvia Grain Co. Leonard Banz, recently discharged from service, will manage the business.

El Dorado, Kan.—Wolfe Alfalfa Mill, Inc., has been incorporated, capitalized for \$10,000; C. E. Wolfe heads the new company. A two-unit plant will be built here, construction to start as soon as possible. Mr. Wolfe owned and operated an alfalfa mill at Vanora that burned last September. The local plant will be much larger than the Vanora plant, which it replaces.

Cheney, Kan.—The Friesen Grain Co., owned and operated by D. F. Friesen, was purchased recently by the Midwest Grain Co., of Hutchinson, Kan. The property includes a new elevator and new office building. Midwest Grain will take over the property April 1.—G.M.H.

Freeport, Kan.—An elevator with a capacity of 80,000 bus. will be constructed here by Elmer S. Schmidt and Sam P. Wallingford in time to handle the 1946 wheat crop. The old elevator, operated by Schmidt, will be remodeled and used for storage purposes.—E. W. F.

Anthony, Kan.—Construction has begun on a modern concrete elevator for the Farmers' Co-operative Elevator Co. The new structure will be 42x60 ft. and 150 ft. high, have a modern cleaner room, automatic scales and storage capacity of 150,000 bus. Chalmers & Barton have the contract.—E. W. F.

Ellinwood, Kan.—An alfalfa dehydrating plant is one of the first projects that the new Ellinwood Chamber of Commerce will sponsor. The mill is scheduled to be built between Ellinwood and Dartmouth. Roy Miller of Hutchinson, interested in constructing the mill, said the plant will be of 25-ton capacity.—G.M.H.

Grove (Silver Lake p.o.), Kan.—At a meeting of farmers of the community held in Grove Hall March 11 it was decided to build a 10,000-bu. elevator here to replace the 8,000-bu. house that burned last fall. The new structure is expected to be ready for operation this fall. LaVerne Spears was elected chairman of the temporary board.

Alexander, Kan.—At a recent meeting of 44 stockholders the Farmers Co-operative Oil & Supply Co., voted to go into the grain and feed business. They will build an 80,000-bu. elevator this spring. The contract will be let shortly and construction should start soon. Sam Yost is president and Lawrence Webs is secretary of the company.—G.M.H.

Charleston, Kan.—Matt Culbert, 57, an employee of the Ralph S. Moore elevator, died Feb. 23 in a Dodge City hospital of burns received when fire destroyed the Culbert home. The fire occurred at 8 a. m. when Mr. Culbert poured oil in a heating stove. Flames shot through the house and members of the family were unable to save the building or furnishings. An 18-month old son was badly burned about the face and chest. Mrs. Culbert and four children escaped from the blazing home uninjured.—G.M.H.

Scott City, Kan.—The J. E. Kirk Grain Co., announced recently that it will build an additional elevator of 120,000 bus. capacity, making a total capacity of 400,000 bus. The elevator will stand 141 ft. high and will carry a beacon light for airplane protection. It is expected to be ready for use by harvest.—E.W.F.

Norton, Kan.—The Norton Feed Mill, which has been operated for the past 13 years by Earl H. Dean, was sold recently to Junior Bieber, who took over the operation of the plant immediately. Mr. Bieber will handle the same products and will continue to manufacture the full line of Farm Friend feeds supplied by the mill in the past.—G.M.H.

Salina, Kan.—Carroll M. Phillips, who has been mill superintendent at the Robinson Milling Co. here for more than 27 years, will retire this month. Mr. Phillips came to Salina 27 years ago and had charge of installing some new machinery and operating the plant. Earlier he spent nine years in the milling business at Great Bend, the last three of which were as superintendent of the Moses Bros. Mill.—G.M.H.

Smith Center, Kan.—The Co-operative Mill & Elevator Co. at its recent annual meeting re-elected Oren Flint as manager. During the past year total sales amounted to \$630,630.34, a gross gain of \$39,215.14. Net profits were \$23,972.82. The company is planning many improvements, including installation of a new Fairbanks Morse Printomatic Dial Scale, with 60-foot platform. The office will be improved and modernized as time and materials permit.—G.M.H.

Atchison, Kan.—Clarence H. Blanke, pres. of the Blair Elevator Corp., and city commissioner, was painfully cut and bruised in an automobile accident near Platt City, Mo., recently. With Arthur Eymann, salesman for the Blair Elevator Corp., he was returning to Atchison when Eymann's auto figured in a collision with another car. He was removed to St. John's Hospital at Leavenworth for treatment. Mr. Eymann suffered bruises that confined him to his home.

LOUISIANA

New Orleans, La.—Officers chosen at the annual election of the New Orleans Board of Trade are R. M. Nash, pres.; E. T. Colton, first vice-pres.; H. X. Kelly, second vice-pres.; E. V. Shafer, third vice-pres.; J. H. Ricau is secretary.

JOHN E. BRENNAN & CO.

GRAIN COMMISSION MERCHANTS

1068 BOARD OF TRADE BLDG.

CHICAGO

Takes pleasure in announcing the return of JACK BRENNAN'S two sons, John E. and Robert J., to the firm from duty overseas in the Armed Forces. Jack and Bob, as partners, constitute the second generation of Brennans serving the grain trade.

Mr. Charles E. Scarritt, who has been in the grain business for over forty years, will continue to render his competent cooperation.

The same reliability and service guaranteed by Jack Brennan are now offered to the trade by his two sons who are his successors.

John E. Brennan

Robert J. Brennan

MARYLAND

Salisbury, Md.—The Blamberg Bros. Seed & Feed Co. building, which was being leased, burned recently, loss estimated at \$50,000.

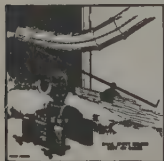
Baltimore, Md.—Lemuel M. Carr, who has served in the grain branch of the U. S. Department of Agriculture for 29 years, retired Mar. 1, after reaching the compulsory retirement age of 70. Mr. Carr, who lives at 5912 Harford Road, is a familiar figure on the Baltimore water front because of his work on the exporting of grain, and more recently of forage supplied for shipments of live stock. As a marketing specialist he supervised enforcement of government grain standards. He is a native of Parkton, Md., and spent his early life in farming and in the operation of a flour mill in partnership with his father.

MICHIGAN

Ashley, Mich.—We are installing a new Super 998 D Cleaner at our local plant, and a new totally enclosed 5 h. p. motor is being added to modernize the drives for cleaners and elevators.—Rockafellow Grain & Seed Co.

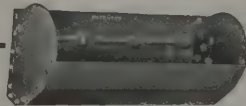
Nashville, Mich.—The Nashville Elvtr. Ass'n is remodeling its main office building, refinishing and fitting the south part for a spacious display room. A new line of electric appliances and farm needs will be shown there. The former Lundstrom building the company recently bought will be fitted up as headquarters for a complete line of farm machinery, repair parts and an extensive stock of general farm supplies.

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K. I. WILLIS CORPORATION
MOLINE, ILLINOIS

for names of distributors
and analysis form No. 20.

Blissfield, Mich.—We experienced the largest volume in sales in the history of the Blissfield Co-operative Co. during 1945, amounting to \$2,071,821.49. Total amount of grinding was \$28,445.53; 311 cars of coal, 111 cars of fertilizer, 81 cars of soybeans, 148 cars of corn, 52 cars of oats and 212 cars of wheat were handled during the past year, as reported at the 28th annual meeting of stockholders held Feb. 27. The company paid 4 per cent interest on the stock and 2.5 per cent patronage dividend to stockholders on purchases and sales. Robert Bruce is pres., E. J. Fatchett, sec'y, and W. S. Porter, vice-pres. We have elevators at Blissfield, Riga, Ogden and Jasper, Mich.—J. C. Kitter, general mgr.

MINNESOTA

St. Clair, Minn.—John Shields, 80, who operated an elevator here for several years, died recently at his home in Annandale, Minn., following a stroke.

Kinbrae, Minn.—Earl Paist has sold the Kinbrae Grain Company elevator and his home to Mr. and Mrs. Lynn Kaerberle of Vanborn, Ia., possession March 15.

New Prague, Minn.—Leon Rothlisberger is now superintendent of International Milling Co.'s elevator, succeeding Wm. J. Scoles, who was transferred to Davenport, Ia.

Olivia, Minn.—Cliff W. Ketcham of Minneapolis has purchased the DeWerd Feed Mill from M. A. DeWerd, who is retiring from business after operating here since 1929.

Dalton, Minn.—Jens N. Jordahl, 62, manager of the Peavey Elevator, died of injuries he received when struck by a car last Dec. 19. He had operated the local elevator for 20 years.

Nerstrand, Minn.—The Farmers Co-op. Elevator Co. is installing a new hammer mill for corn crushing in a structure built to house the new equipment, Owen Gaasedelen, manager, announced.

Range (Nashwauk p.o.), Minn.—Phil P. Butorac and Lamont Sachs have purchased the Range Flour & Feed Co. from Mrs. Hope T. Nelson, who has operated the business since the recent death of her husband, Geo. Nelson.

Lester Prairie, Minn.—Vernon Kruschke, veteran of World War II, has been employed as manager of the Farmers Elvtr. Co., succeeding Herbert Briesemeister, who resigned because of ill health. Dennis Ide, also recently returned from service in the armed forces, has been employed at the elevator to succeed Palmer Schutte, who also resigned because of ill health.

MINNEAPOLIS LETTER

Directors of the Chamber of Commerce have raised the ceiling price on rye for September and later delivery to \$1.435 per bushel.

At a meeting of the stockholders of the Hallet & Carey Co., Minneapolis grain merchants, held in New York Feb. 13, the following officers were elected: W. G. Kellogg, pres.; L. P. Gannon, exec. vice-pres.; E. R. Kibler, vice pres.; H. C. Whitten, vice-pres., all of Minneapolis; Jack Meyer, New York, treas.; E. J. Dorsey, sec'y; H. L. Hankinson, ass't sec'y; F. L. Ganyea and R. R. McRoberts, ass't treas., Minneapolis. Directors elected were: Carlos Falk, R. F. Straub, M. K. Crossnay, New York; W. G. Kellogg, Minneapolis; K. A. Powell, Winnipeg.

Seven more state grain samplers have been laid off by order of Minnesota Railroad and Warehouse Commission. The lay-offs brought to approximately 35 the number of state grain inspection division employees who have been released since legislative advisory com'te turned down a commission request for an additional \$90,000 for salaries. The commission probably will have to make further cuts in its grain division personnel unless the LAC at its March meeting grants between \$30,000 and \$35,000 to finance the division's operations for the balance of the year up to July 1.

Daniel T. McLaughlin has been elected assistant sec'y of the Minneapolis Chamber of Commerce. He entered on his new duties March 4, assistant to E. C. Hillweg, sec'y. Mr. McLaughlin succeeds Gilbert G. Giebank, who resigned Jan. 1 to join the staff of F. H. Peavey & Co. He is an attorney and has served as a special agent with the Federal Bureau of Investigation since March, 1941, in the Washington, New York and St. Paul offices.

MISSOURI

Pierce City, Mo.—The Pierce City Milling Co. recently installed a new 82-h.p. natural gas engine, to be used to operate the hammer mill.

Pierce City, Mo.—C. O. Grimes, 74, owner and operator of the Pierce City Milling Co. for 40 years, died here Feb. 28 after a short illness.—E.W.F.

King City, Mo.—Fred G. Howitt recently retired from active management of the King City Elevator which he has owned and operated for the past 25 years, his son-in-law, Harry B. Turpin, taking over the business.

Gordonville, Mo.—The Gordonville Milling Co. mill was recently saved from damage when fire that destroyed a nearby dwelling seriously threatened the plant. Firemen pumped water from a nearby pond to wet the structure, preventing it from catching fire.

Higginsville, Mo.—District meetings of nearby grain and feed dealers and millers were held here Feb. 18, and at Cameron Feb. 25 and Springfield Feb. 27 and 28, under auspices of the Missouri Grain, Feed & Millers Ass'n. WFO 9 and WFO 144 were discussed along with the warning put out by H. G. Stephens, O.P.A. director, that a check-up is likely at any time for violations of the O.P.A. rules, more men having been assigned to the office for that purpose.—A. H. Meinershagen, sec'y.

KANSAS CITY LETTER

Kenneth S. Hart has been elected to membership in the Kansas City Board of Trade.

Members of the Kansas City Board of Trade will vote March 18 on an amendment to the constitution that would permit the election of an executive vice-pres. by the directors of the exchange. His duties would be handling of matters relating to public relations, legislation, and transportation, together with such other duties as may be assigned by the directors. The executive vice-pres. may also be the sec'y of the association, an ex officio member and a member of the board of directors. The membership of the executive vice-pres. would not be transferable, vested with any property rights of any description and not be subject to assessment.

Ralston Purina Co. has announced the transfer of five divisional sales managers. Don Purcell, who was sales manager of the New England division, now heads the new California division of the company which includes the four plants recently purchased from the Taylor Milling Corp., located at Los Angeles, Oakland, Stockton and Visalia. E. H. Hamel, regional sales manager of the Grain Belt-Western area, is Mr. Purcell's superior. A. W. Perry, formerly acting sales manager of the Central Atlantic division with headquarters at Wilmington, Del., has succeeded Mr. Purcell in New England. Sterling A. White, recently returned from service in the armed forces, takes over Mr. Perry's job which he held before the war. The Central Atlantic division has been enlarged to include Pennsylvania. J. H. Ralston, North Atlantic division sales manager, has been transferred to head the Lake States division. He formerly was a salesman for the company in the Ohio area. L. L. Braybrook, Syracuse, N.Y., now heads the North Atlantic division. R. G. Leavitt, St. Louis, is regional sales manager for the company's Eastern region, which has been expanded to include the Lake States area.

J. D. Sykes, formerly manager of the general poultry and hatchery division of the poultry department of Ralston Purina Co. has succeeded E. G. Cherbonnier as director of public relations for the company. Mr. Cherbonnier recently resigned to join the Foundation for American Agriculture.

General Mills, Inc., will build an 80x100 ft. City Sales Warehouse adjacent to its local feed mill, and install a belt conveyor from the feed mill to the warehouse, which will be stocked by the belt loading system. Chas. Van Horssen, vice-pres. and manager of the formula feed operations for the company's Central Division announced. The warehouse will be located in front of the C Mill building. The new improvements will facilitate the handling of merchandise, speeding up the loading of car shipments and providing better service for the trucking business as well as increasing dock space. Construction will begin as soon as materials are available.

NEBRASKA

Cozad, Neb.—Arnold Poppe has disposed of his alfalfa mill and moved his family to Ohio.

Louisville, Neb.—Harry Patterson has succeeded Ed Stanley as manager of the Farmers Elevator.

Alma, Neb.—Fire originating around a flue at the Farmers Equity Elevator office recently caused a small amount of damage.

Crawford, Neb.—Lou Hagemester will be assisted by his son in operation of his elevator, the latter having moved here from Lisco.

Omaha, Neb.—The Benson Feed Mills, Inc., has been incorporated; capital stock, \$25,000; Maurice and Lucille Vervaeke, incorporators.

Indianola, Neb.—The Geiger Grain Co., headquarters St. Joseph, Mo., has purchased the Smith-Reiter grain elevator property.—H. M. L.

Hartington, Neb.—Ray Holman recently sold the Cedar County Produce to Dan and Orville Sherry of Wayne. He had operated the business for over 24 years.

Byron, Neb.—The Byron Grain Co. recently installed a new Howell Truck Lift including a new boot and belt using Calumet Cups. Installation was made by Eck Olson.

Callaway, Neb.—The Farmers Elevtr. Co. purchased three of the government grain bins and has placed them on cement foundations east of its plant, to be used for storage.

Clarkson, Neb.—The Farmers Union Co-op. Supply Co. reported 1945 business amounted to \$323,276.03, on which it realized a net profit of \$16,855.81, Leo Sixta, manager, announced.

Hartington, Neb.—The Holmquist Grain Co. headquarters, Oakland, Neb., have taken over the Star Elevator, or east elevator, and now operate the two local grain elevators.—H. M. L.

Fordyce, Neb.—The F. R. Miller Feed Mills, Omaha, recently purchased the two J. J. Mulaney Co. elevators here. B. J. Luken will continue as manager for the new owners.—H. M. L.

Bradshaw, Neb.—Sales for the past year as announced at the annual meeting of the Farmers Co-op. Grain Ass'n by Mgr. Reuben Kinvall amounted to \$1,548,331.86, the net profit being \$31,487.73.

Schuyler, Neb.—The F. J. Higgins Milling Co.'s alfalfa dehydrating plant is under construction, Ryan Const. Co. having the contract. It will be ready for operation for the first cutting of alfalfa.

Malmö, Neb.—The Lloyd Morrison Co. of Salina, Kans., has purchased the grain elevator and feed plant from the Rex Peters Co. Will continue to handle grains and make all kinds of feeds.—W. L. B.

Cozad, Neb.—The Farmers Elevtr. Co. held its annual meeting recently when the usual 8 per cent dividend was paid and 8 per cent interest on stock. The same officers were re-elected for the coming year.—W. G. Adams, mgr.

Unadilla, Neb.—Fritz Mohlman recently painfully injured one of his feet while working at the Farmers Elevator.

Arlington, Neb.—Arthur Gifford, J. D. Gifford, and P. C. Morgensen are building an alfalfa dehydrating plant here. The 32x40 ft. building will be of cement blocks, the plant to cost about \$50,000. It is to be completed by May 20.

Gibbon, Neb.—The Gibbon Roller Mill, idle for several years, has been purchased by the Turkey Co-op. and affiliated co-ops, who will operate the plant. The mill has been opened for purchasing of grains, and it is probable will manufacture feeds.

Valley, Neb.—Construction of an alfalfa dehydrating plant for the Nebraska Feed Products Co. is under way. It is expected the building will be completed and the plant in operation by May 25. Greth M. Dunn of Omaha is manager.

Herman, Neb.—An alfalfa dehydrating plant is being built one half mile north of here, the 30x70 ft. building to be two stories high, with a handling capacity of 30 tons of dry alfalfa or 150 tons of green alfalfa daily. It will be in operation by the middle of May.

Lexington, Neb.—Otto Meyer, who established and built the Meyer Milling Co. alfalfa dehydrating plant located a half mile east of here, has sold the plant to Cargill, Inc., Minneapolis, Minn. The new owners took possession of the business Feb. 25, retaining all employees.

Brunswick, Neb.—Russell K. Calkins, who recently purchased his brother's interest in the Calkins Grain Co., has completed a warehouse addition to his elevator and will rearrange location of grinding and mixing equipment. The new warehouse and rearrangement of equipment will enable Mr. Calkins better to service his customers.—H. M. L.

Superior, Neb.—The Nebras-Kan Mills has been formed to lease and operate the properties of the Superior Milling Co., including a 500 sack flour mill and a formula feed manufacturing plant. The lessees are interests associated with the Simpson-Romeiser-Evans Grain Co., Salina, and formerly operated the plant of the Nebraska-Kansas Grain & Feed Co., which burned here Feb. 10. Hubert Landry, manager and part owner of the burned plant, will be manager of the Nebras-Kan Mills, which will continue to operate the flour mill and feed manufacturing plant. The company will rebuild the local plant that burned.

Wahoo, Neb.—Frank L. and A. S. Dolezal, doing business here as the Dolezal Bros. for 38 years, have sold their grain, elevator and coal business and facilities to the Farmers Co-op. Co. who took possession March 4. Frank Dolezal will devote his time to his farming interests. The Farmers Co-op. Co. is planning construction of a modern concrete elevator and feed mill on its present site, served by the C. & N. W. and C. B. & Q. railroads. Acquisition of the Dolezal property provides them with a Union Pacific outlet and Manager R. H. Wenzlaff stated the company can proceed with construction plans without interrupting its service.

Lexington, Neb.—Bert Wilson, former manager of the Denver Milling Co.'s local plant, has opened The Wilson Sales Co., acting as a manufacturer's agent and doing a general brokerage business in dehydrated alfalfa meal, sun-cured alfalfa meal, grain and grain products. Mr. Wilson had reached the retirement age for the Denver Milling Co. and had asked to be released. He had been with the company for 10 years, the past 8 as manager of the local plant. His early training in the grain trade was received in Kansas as manager of the grain department of a large flour mill. He became a member of the Kansas City Board of Trade and spent four years in the Grain Stabilization Corp. of the Federal Farm Board in Chicago during World War I. Later he joined the Denver Milling Co.

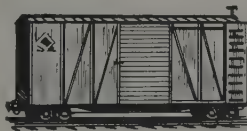
Broken Bow, Neb.—In a campaign launched by elevators in Custer County in co-operation with County Agent M. L. Gould for handling pure oats and barley seed for farmers interested in growing a better variety of these grains, arrangements have been made to buy certified Cedar oats and Ezond barley seed on which orders will be taken by elevators or the county agent. It was explained that Velvon II, a new strain of barley developed in the past year, and with Ezond suggested for this territory, can not be obtained as no seed is available. The seed will be shipped just as fast as truck load orders are received, and those placing orders will be notified from which of the following elevators to get their seed: Lexington Mill & Elevtr. Co., Arnold; Farmers Co-op. Co., Oconto; Farmers Elevator, Callaway; Carl Roos Elevator, Anselmo; Farmers Co-op Elevator, Merna; Clyde Arnold Elevator, Broken Bow; Berwyn Elevator, Berwyn; Bristol Grain Co., Ansley; Farmers Union Co-op., Mason City; Farmers Union Co-op. Ass'n, Comstock; W. T. Barstow Grain Co., Sargent.

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THE DEPENDABLE GRAIN FUMIGANT
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KANSAS CITY, MO.

Harvard, Neb.—The Farmers Union Elvtr. Co. handled 427,000 bus. of grain the past year, at a sale value of \$506,653.15, and 1,000 tons of coal, it was announced at the recent annual meeting. The net profit for the year's business was \$11,495.26.

Omaha, Neb.—A suit to recover \$50,000 on the loss of 37,321 bus. of wheat allegedly stolen during a year's period "by one or more employees" has been filed in the district court by the Nebraska Consolidated Mills Co. against the American Surety Co. of New York. It is claimed the loss was discovered June 22, 1945, when the grain on hand was weighed and found to be \$62,736 worth short. Reimbursement is sought on an employees' bond of \$25,000 and a blanket bond covering losses for an additional \$25,000. The petition said there was no proof against any one employee and did not indicate specifically when and where the alleged thefts occurred.

Scribner, Neb.—The Chas. J. Kaup Alfalfa Plant has been put in operation. Plans for the present are to work a 16-man force. Mr. Kaup will manage the business and Tony Klein of North Bend is superintendent of the plant and its operation. Two dehydrators are yet to be installed. The new mill is 36 x 36 ft., one story high; storage warehouse for sun-cured hay is 28 x 60 ft., construction not yet completed. An office building and garage are to be built. A 150-h.p. motor is operating machinery now installed. When all machinery is installed the power requirements will be 475 h.p. After installation of the second drying equipment, the dehydrating capacity will be doubled to 4,000 tons per season.

NEW MEXICO

Albuquerque, N. M.—Destroying 80 per cent of the grain stock, a fire damaged the interior of the Ruoff Milling Co. storage and milling department, Mar. 9, damage estimated at \$25,000, by R. M. Ruoff, owner. The loss doubtlessly will heighten a critical feed shortage in the Middle Rio Grande Valley area.—H.N.

NEW YORK

New Berlin, N. Y.—The I. L. Richer Co., Inc., sustained a small fire loss Feb. 18, that originated in an electric motor.

Rochester, N. Y.—High Point Mills, Inc., has been chartered to deal in animal feeds with offices here. Capital stock \$20,000, \$100 p.v. Incorporators, Fred G. Gillespie, Brockport, N. Y.; John W. Branch, East Rochester; Doris E. Finewood, Rochester.

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AND FEED PLANTS

R. R. HOWELL CO.
MINNEAPOLIS, MINN.

Buffalo, N. Y.—Approximately 225 workers of the Ralston Purina Co. received a wage increase of 5c an hour, making a total boost of 20c an hour since Nov. 5, 1945, business agent for Flour, Feed & Cereal Workers, A.F.L., announced Feb. 28. Minimum wage at the mill now is \$1.05 an hour.—G.E.T.

NORTH DAKOTA

Ross, N. D.—The Farmers Elvtr. Co. sustained a fire loss Feb. 24.

McClusky, N. D.—Our plant has been completely remodeled and the latest in elevator equipment installed.—Wahl Grain Co.

Devils Lake, N. D.—Paul E. R. Abrahamson, who resigned as agricultural extension agent for Ramsey County, on March 1, took over his new duties as head of the newly created agricultural department for International Elevators, Minneapolis, Minn. His headquarters will be in Devils Lake.

Fargo, N. D.—The State Mill & Elevator has paid up in full a debt of \$500,000 incurred in 1937 and 1938. Gov. Fred G. Anandahl stated the mill had repaid two notes to the Bank of North Dakota, one \$380,000, the other \$120,000, representing an "operating debt." In 1945 a profit of \$416,000 was reported. A \$1,300,000 debt against construction cost of the mill is its only remaining debt, the governor said.

Fargo, N. D.—At the recent convention here of the Farmers Grain Dealers Ass'n, R. O. Everson, R. F. Gunkelman, Geo. Oech and Jacob Eckart were re-elected directors of the association. R. O. Everson was re-elected pres. of the association; Orris Nordhagen was elected vice-pres.; C. H. Conaway was re-elected sec'y; Lenora Ronning was re-elected assistant sec'y. The Association will hold its 1947 convention in Fargo.—C. H. Conaway, sec'y.

Hannah, N. D.—Miles W. Fairbanks recently resigned as manager of the St. Anthony & Dakota Elevator after 15 years' service, to look after farming interests. His only son recently returned from navy service and will be associated with him. Mr. Fairbanks recently returned from Rochester, Minn., where he underwent treatment. He has been ill since January. Melvin Levang, recently discharged from the army, has been in charge of the elevator during Mr. Fairbank's absence, and is now temporarily manager.

OHIO

Kalida, O.—Wm. J. Odenweller, 67, manager of the Odenweller Milling Co., died recently.

Nevada, O.—The Farmers Grain Ass'n recently announced plans to remodel its plant before harvest time.

New Riegel, O.—The New Riegel Elevator was entered and ransacked recently, but nothing was stolen.

East Sandusky, O.—The Kirk Milling Co.'s office was broken into recently, the place ransacked, but nothing was stolen.

Vanlue, O.—The Vanlue Grain & Supply Co. elevator was entered by burglars recently, who stole \$784.66 in cash and \$11.50 in check, taken from the safe.

Upper Sandusky, O.—The many friends of E. E. Delp will be pleased to know that he is in charge of the grain department of the Art Callari Hay Co.

Columbus, O.—Plans are being made to rebuild the Gwinn Milling Co. plant, Clarence E. Gwinn, pres., announced. The plant was damaged in a \$500,000 fire last November.

Mt. Blanchard, O.—Thieves who forced an entrance to the Mt. Blanchard Elvtr. Co. elevator recently, stole \$221.70 in cash and \$397.96 in checks. The burglars worked the safe combination.

Washington, C. H., O.—A. B. McDonald, local grain elevator operator, recently purchased the elevator and mill of the Bloomingburg Grain Co., which he has leased for the past three years.

Sidney, O.—J. C. Custenborder, Jr., has returned from the service and is associated with his father in E. T. Custenborder Co.

Pemberville, O.—The Pemberville Elvtr. Ass'n reported a total volume of business during the past year, including grinding and trucking, of \$994,977.75, the largest in the elevator's history. The net profit was \$46,235.71, Virgil Kohring, manager, reported.

Edison, O.—After 31 years of operation of grain elevators, Asa C. Harvey has sold his local elevator and mill to Harold Frayer of Freeport, Ill., effective March 1. Mr. Frayer was district manager over seven counties in Illinois for the McMillen Feed Mills.

Oak Harbor, O.—The McMillen Feed Mill, Ft. Wayne, Ind., recently entertained employees of various elevators of the Ottawa County Cooperative Co. at a dinner party here in the Warner Hotel. A program of pictures and other light entertainment was enjoyed.

Liberty Center, O.—The Liberty Center Elvtr. Ass'n will do away with steam power at the local elevator, Waldo Hatcher, manager, announced, and will install electric motors and transformers as soon as they can be obtained, changing the elevator power to electricity.

Osgood, O.—Andrew Alexander, 74, an owner and operator of the Alexander Bros. elevator, died of a cerebral hemorrhage Feb. 24, in the elevator office. He had operated the business since 1903. Mr. Alexander had been in ill health for several weeks after contracting influenza.

Prout (Sandusky p.o.), O.—Clifford Love, for the past six years manager of the Central Erie Supply & Elvtr. Co., and an employee there for 23 years, recently resigned his position because of ill health of Mrs. Love, and they have gone to Florida. Elmer Ohlemacher, manager of the company's Kimball elevator, has been made general manager in charge of both elevators.

Dundee, O.—The Barr Mills grain elevator, feed mill and warehouse, operated for the past three years by Moses A. Kaufman, has been sold to Donald and Willis Burrell, brothers. Willis Burrell has taken possession of the business and Donald will join him in operation of the plant as soon as their farm is sold. Mr. Kaufman will remain with the new firm until spring after which he will operate the 90-acre John D. Miller farm he recently purchased.

OKLAHOMA

Blackwell, Okla.—The Blackwell Mill & Elvtr. Co. is installing a grain washer at its plant.

Tulsa, Okla.—Bert Applegate, 62, operator of the Applegate Feed Store at Sand Springs, died Feb. 24 at his home.—E.W.F.

Custer, Okla.—The Farmers Elevator is completed with the exception of installation of some machinery that has not been received.

Minco, Okla.—Ross Smith, Marshall, Okla., has purchased the Wegener Grain & Elevator Co. Mr. Wegener and son retain ownership of the Minco Hatchery.

Lamont, Okla.—The Tonkawa Dehydrating Plant will build an alfalfa dehydrating plant here on ground leased from the Frisco railroad, to cost about \$75,000.

Lamont, Okla.—The Spencer Grain Co., with headquarters in Ponca City, has sold its local elevator to George and Archel Muegge of Lamont. Reason, the New Deal.—D. E. Spencer.

Gage, Okla.—Harry James, 45, local grain elevator operator, was killed when his airplane crashed southeast of here March 1. He was piloting the plane to spot coyotes for hunters on the ground.—E.W.F.

Alva, Okla.—Harold W. Harris has been named manager of the Alva Public Terminal Elevator Co. He came to the company in June of last year and prior to that time worked in St. Joseph, Mo.—E.W.F.

Medford, Okla.—The Clyde Co-op. Ass'n will build a commercial feed mill here, estimated to cost about \$75,000. It will be located north of the association's present wood elevator on the Rock Island right-of-way.—I.D.A.

Cambridge, Okla.—The Planters Co-op. Gin Co. of Lone Wolf is building a 10,000-bu. elevator, to be equipped with modern machinery. Recently the company bought the J. C. Dean elevator, which the new tile structure is replacing.

Eldorado, Okla.—The 7,500-bus. J. R. Richardson elevator was destroyed by fire recently, leaving only three elevators in Eldorado. The 100 ft. high elevator burned to the ground with 2,000 bus. of maize and 200 bus. of barley. Faulty wiring was believed to have caused the fire.—H.N.

Ames, Okla.—The Farmers Elvtr. Co. on Feb. 22 dedicated its new warehouse which will be completed soon. Around 500 persons attended the meeting. G. J. Laubhan, manager, delivered the welcome address. C. D. Hall, vice-pres., gave a history of the company. A motion picture was shown, and following the entertainment dinner was served.

Eldorado, Okla.—Construction of a 20,000-bu. elevator for the Farmers' Co-operative has begun. It also was announced that the Uhlmann Grain Co. plans to construct an elevator. Attention centered on Eldorado last year thru newspaper articles when the storage of grain elevators and railroad cars to transport the grain to other areas forced the town to store wheat on the ground.—H. N.

Moore, Okla.—Gordon Copeland has purchased Jack Turner's interest in the Moore Mill & Feed Co., and will be associated with the company as a partner of his brother-in-law, Olen Rycroft. He recently was discharged from the service after three and a half years. The company has purchased a 30x100 ft. lot from Mr. Turner, located on the highway directly south of 77 Drive Inn.

El Reno, Okla.—Howard Rush, 45, and Raymond Tartar, 23, employed at the Waldo Alfalfa Milling Co., were injured Feb. 28 when a truck they were loading at the plant suddenly slipped backwards, pinning them against a loading dock. Rush sustained a back injury while Tartar received bruises about the arm and back. The men were behind the truck, fastening a canvas flap over the tail gate when the truck rolled backwards, apparently when the driver cut the motor.

Floris (Forgan p. o.), Okla.—Henry Laske, 75, manager of the Light Grain & Milling Co. elevator for the past 22 years, was found dead by the side of the railway track east of here Feb. 17. A bachelor, he had gone to the home of a friend as a dinner guest. When he failed to return to the home where he boarded and did not show up at the elevator, a search was made. His automobile was found stalled in mud. His body lay about 2 miles east of the car. Apparently he had started on foot for aid, and dropped exhausted.—G. M. H.

Cashion, Okla.—The Farmers Exchange will build a 100,000-bu. elevator, to cost \$45,000, F. L. Roberts the construction engineer. The elevator will have four circular tanks, with 16 bins, with a drive thru the center, and dump. Equipment with an elevating capacity of 4,000 bus. per hour will be installed. The elevator will be located across the corner to the south-east of the Exchange's hardware and grocery store. The Co-op. has been operating here for about 25 years, and in addition to the elevator and stores, operates a filling station and bulk plant.

PACIFIC NORTHWEST

Colfax, Wash.—The biggest fiscal year in history of Colfax Grain Growers, Inc., was that which ended May 31, '45, advises Norman Eilert, sec'y-treas.-manager, with net earnings of \$44,313.—F. K. H.

Harrington, Wash.—United Grain Growers will build a 300,000-bu. elevator here.

Downs (Mohler p. o.), Wash.—United Grain Growers, Harrington, Wash., will build an 185,000-bu. elevator here.

Walla Walla, Wash.—David H. Schmidt has purchased the wholesale feed organization operated by Jack Riehl, who plans to expand the firm.

The Dalles, Ore.—The Northwest Chemurgy Co-operative is pushing the sale of an additional \$126,000 in stock preliminary to issuance of a call for bids on the wheat dextrose plant to be constructed here. Henry P. Carstensen, president of the co-operative, reported that actual work on the plant could get under way within a short time after financing arrangements are completed. He said engineering plans and specifications have been prepared, and part of the necessary \$300,000 worth of machinery already has been ordered. Grain storage facilities with a minimum capacity of 100,000 bus. will be required.—F. K. H.

Sunshine, Wash.—The elevator of the Pullman Grain Growers, Inc., recently was damaged slightly by fire started by sparks from a passing locomotive.

Colfax, Wash.—J. L. (Lynn) Neil, 65, well known Colfax grain dealer and one time mayor of the city, died while on a visit to Los Angeles.—F. K. H.

Dallas, Ore.—The Farmers Union Co-op. Warehouse Co. has started construction of a cribbed elevator of 90,000 bus. capacity. There will be 21 bins, and two legs will handle 2,000 bus. each per hour. The grain will be distributed to the different bins by a double Gerber Sliding Distributor and either leg will deliver to any bin in the plant. Other equipment will be a cleaner; 20-ton, 9 x 28 ft. dump scale; 10-bu. Richardson Automatic Scale and Howell Aero-Flex Air Hoist. The balance of equipment is being furnished by R. R. Howell Co. M. M. Gillis is manager of the Farmers Union. A. S. Fetterman Co. is the contractor.

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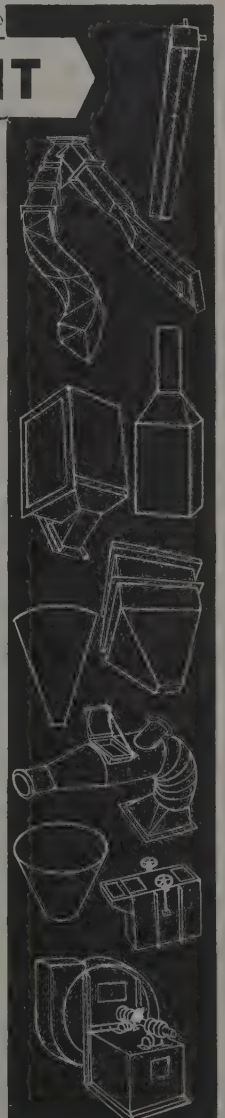
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Seattle, Wash.—Washington brewers will co-operate fully with President Truman's emergency directive reducing grain quotas for beer-making by 30 per cent, J. H. Durand, sec'y and manager of the Washington Brewers' Institute, advised. The order's effect will be shared by the public and retail distributors as well as brewers.—F. K. H.

Worden, Ore.—Construction here of a 530,000-bu. grain elevator to serve the Tulana Farms area will be handled by Henry George & Son. Cost, \$440,000. Bids will soon be called on the installation of a dust collecting system for the structure, according to owners Dick and Ben Henzel and Dave and Dan Liskey. Construction will get under way Mar. 15.—F. K. H.

SOUTH DAKOTA

Webster, S. D.—A blaze at the Pacific Grain Co. elevator was quickly extinguished by volunteer firemen recently.

Storla (Letcher p. o.), S. D.—Karl Gauke, formerly of Alpena, has purchased a local feed mill and moved his family here.

Corona, S. D.—Marvin Settje, manager of the Farmers Elevator, and Miss Selma Steinberg of Summit, were married recently.

Britton, S. D.—A customer's truck hit a driveway door in the Britton Mill & Power Co. elevator recently, doing small damage.

Bryant, S. D.—The second annual seed and feed show under the auspices of the Farmers Elevator and the Commercial Club was held recently.

Viborg, S. D.—An air compressor tank in the Co-op. Elvtr. Ass'n elevator recently exploded causing damage of \$150 to building and equipment. No one was injured.

Gregory, S. D.—L. L. Graf, formerly connected with the Tripp County Co-op. Ass'n, is new manager of the Farmers Elvtr. Co., succeeding Alva Wiedeman who was with the company for 23 years, the past five as manager.

Alexandria, S. D.—The former Meyer & Tschetter grain elevator has been moved from Bridgewater to a site here west of the Milwaukee depot and will be used as an active elevator by the A. C. Cohrt Grain Co., placed in operation as soon as the necessary construction and repairs are completed.

Alexandria, S. D.—The elevator building located east of the New Farmers Grain Co. elevator has been sold by that company to the Rockport Colony, and is being razed, the material to be used in construction of an elevator at the colony to replace the one that burned recently. The Farmers Grain Co. used the elevator for storage only.

Plankinton, S. D.—Glen Thomas of the Plankinton Grain Co. has his new feed mill in operation. New bins have been installed along with new equipment and considerable remodeling has been completed at the plant. A new 24-in. grinder operated by a 75 h.p. motor and a new mixer have been added to the plant's equipment. Mr. Thomas has been approved as mixer for Purina Chows and will also feature his own Ring Neck Feeds. Custom grinding will be featured.

SOUTHEAST

Moultrie, Ga.—The T. F. Taylor Fertilizer Works burned early Feb. 24, the loss estimated at \$225,000. About 2,000 tons of fertilizer had been sacked up and raw materials with which to mix several thousand tons more were stored in the plant, Mr. Taylor said.

Darlington, S. C.—The Darlington Roller Mills sustained a fire loss on Feb. 27.

Atlanta, Ga.—Blanton Smith has returned from four years' service in the army and again is associated with his father, Edward E. Smith of Edward E. Smith & Co., flour and feed brokerage firm.

Jacksonville, Fla.—The warehouse and distributing plant of the local branch of Purina Mills, St. Louis, were damaged by fire on Feb. 26. Damage was estimated at \$100,000. Three freight cars behind the offices burned.

Clarksdale, Miss.—The Quaker Oats grain elevator under construction here, will be ready for the 1946 crop, J. A. Westin, superintendent for the E. O. Korsmo Const. Co., builders, stated. The structure will cost approximately \$250,000. The company will store about 40,000 bus. of grain at Drew and Greenville plants which are being erected and expected to be ready for the 1946 season. Completion of the elevators has been delayed by the steel strike, the owners said.—J.H.G.

TEXAS

Denison, Tex.—The Transit Grain Co. of Fort Worth has leased the former Knaur Grain Co. elevator and will operate it as the Denison Grain Co.—H. N.

Ft. Worth, Tex.—Our convention will be held the first part of May. It is time to seriously consider suggestions for the program, so please mail in any suggestions you may have. They will be appreciated.—G. E. Blewett, sec'y, Texas Grain & Feed Dealers Ass'n.

Ft. Worth, Tex.—New members recently enrolled in the Texas Grain & Feed Dealers Ass'n include the following: Consumers Co-operative, Edroy (Odum p. o.); Lon Davis Elevator, Inc., Floydada; Joe Pierce, Raymondville; Woldert Peanut Products Co., Tyler; Global Corp., Lubbock; Quaker Oats Co., Sherman; Thomas Bros. Grain Co., Vernon; Van Dever Grain Co., Wichita Falls, Tex.; Konawa Peanut Co., Kanawa, Okla. Applications for membership have been received from the following: Big State Grain Co., Bishop; P. L. Boydston, Baird; Co-operative Grain Co., Abernathy; Clarendon Grain Co., Clarendon; Schubert-Bahn Sugar Co., Driscoll; Sugarland Industries, Sugarland, Tex.; D. F. Wegener Grain Co., Walters, Okla.—G. E. Blewett, sec'y.

UTAH

Brigham City, Utah.—A customer's truck caused a small amount of damage recently to the mill porch of the Jensen Bros. Milling & Elvtr. Co. plant.

WISCONSIN

Oakfield, Wis.—The new addition to Oakfield Elvtr. Co. will be ready for use about May 1st. Hugh French is the contractor.

Sullivan, Wis.—The Farm Bureau has purchased the local feed mill from the Sullivan Lumber & Fuel Co., and is in possession of the business.

Oshkosh, Wis.—R. R. Reed, of Willmar, who recently disposed of his interest in the Kokato (Minn.) Mill & Elvtr. Co., to Chas. Greer, is opening a mill here.

Stoughton, Wis.—Owen Scheldrup of the Scheldrup Bros. Feed Mill, announced the firm has started operation of their local plant. Sidney Scheldrup, a partner in the firm, is in the Navy.

New Glarus, Wis.—The New Glarus Feed & Fuel Co., Inc., has converted into a co-operative and changed its name to New Glarus Feed & Fuel Co.-op.; increased stock from 1,000 shares at \$25 each, to 2,000 shares at \$25 each.

Casco, Wis.—Van Dam & Sons have opened a feed mill and store here in the newly remodeled former Kewaunee Grain Co. building. Joseph and Leo Van Dam will be in charge of the local business. Van Dam & Sons operate a mill and feed business at Rio Creek.

Jefferson, Wis.—Harold Rindfleisch, who has operated the Rindfleisch Feed Mill and Hatchery Co. for 14 years, announces his affiliation with the Archer Feed Stores organization. This Archer Feed Store unit will be independent and locally owned. Ray Quest, Arthur Jeske and Francis Schakelman will continue to serve the trade.

Blanchardville, Wis.—Henry J. Erickson, owner and operator of the Erickson Feed Co. for 18 years, has sold the business and buildings to Russell Janson who will operate as the Hanson Feed & Fuel. The new owner, prior to his induction in the navy from which he received his discharge last November, worked with his father who operates a feed mill at Hollendale.

Ft. Atkinson, Wis.—Jefferson County feed dealers and mill operators joined with representatives of the Chicago Extension office in a luncheon at Bender's Hall recently. An informative program pertaining to their problems was held. Prof. Gus Bohstedt discussed some of the developments in live stock feeding research and Prof. Halpin presented some interesting sidelights in poultry nutrition. Chester A. Dumond, county agent, acted as toastmaster.

Green Bay, Wis.—Cargill, Inc., entertained 200 northeastern Wisconsin grain and feed dealers and their employees, accompanied by their wives, at a dinner party in the Hotel Northland the evening of Feb. 14. A turkey dinner was followed by a three-act floor show, after which there was dancing. Guests of honor were Tom Hale, general sales manager, P. J. Schmelz, promotion manager, and Miss Madge Brown, advertising manager, from the Cargill Minneapolis office. Jerry B. Hansen, manager of the local office, was in charge of arrangements.

Watertown, Wis.—Fire caused several thousand dollars damage to the Fleischmann Co. 8-story frame malting house, Mar. 1, caused by sparks from a fan in the drying kiln. The sparks were blown upward to a cupola ventilator which fell, blazing to the ground. From the roof embers dropped into the brick kiln, which was gutted. Peter Winter, Sobotka, company manager, said the building was "loaded to the rafters." Watertown fire department was joined by the Jefferson, Fort Atkinson, Oconomowoc, Ixonia and Johnson Creek departments, who fought the blaze for three hours before bringing it under control.

MILWAUKEE LETTER

George Haeckl is now elevator superintendent for Pabst Brewing Co., succeeding Henry Heitzer.

George Collins has succeeded Harry Thoms at the Kinnickinnic Elevator for the Stratton Grain Co.

Judges in the \$2,800 premium malting barley contest sponsored by the Wisconsin State Brewers' Ass'n are Dr. James G. Dickson, University of Wisconsin plant pathologist; Willis B. Combs, member of the economics section of the U.S.D.A. Extension Service, Chicago, and H. H. Hicks, vice-pres. of the Stratton Grain Co.

Hay Movement in February

Receipts and shipments of hay at the various markets during February, compared with February, 1945, in tons, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	753	116	765	.....
Chicago	5,179	14,966	1,566	3,866
Ft. Worth	891	528
Kansas City	11,628	22,212	10,440	24,364

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Grain Carriers

THE special corn rates (lake-locals) from Illinois points to Chicago have been extended to Dec. 31 in supplements to some of the carrier tariffs.

SENATOR WHEELER, chairman of the Senate Interstate Commerce Committee, has announced that hearings by the Committee on the Bulwinkle Bill, H.R. 2536, will commence Mar. 20. The bill was passed by the House of Representatives on Dec. 10, 1945.

THE Interstate Commerce Commission has suspended Great Western tariff 5564 increasing grain rates 42 cents per 100 lbs. on shipments given transit privileges in Texas, over charges via Minneapolis and Gulf ports, while the transit privilege at Kansas City is eliminated.

GENERAL dislocation of equipment due to war business kept a majority of Santa Fe's better box cars on other railroads and contributed to a shortage of cars suitable for loading grain. In addition to box cars, Santa Fe utilized 1,175 open top hopper cars, 275 covered hoppers, 796 stock cars, and was able to move 164,946 cars of grain in 1945, compared with 147,138 cars in 1944.

THE AVERAGE weekly earnings of the non-operating group of railroad employees, during the first seven months of 1945 were 52.7 per cent greater than they were in 1940, J. Elmer Monroe, Washington, D. C., assistant director, Bureau of Railway Economics, Ass'n of American Railroads, told the combined rail-labor arbitration boards.

GRAIN and grain products loading totaled 54,912 cars during the week ended Mar. 2, an increase of 3,192 cars above the preceding week and an increase of 13,631 cars above the corresponding week in 1945. In the Western Districts alone, grain and grain products loading for the week of March 2 totaled 37,846 cars, an increase of 3,445 cars above the preceding week and an increase of 11,260 cars above the corresponding week in 1945 as reported by the Ass'n of American Railroads.

WASHINGTON, D. C.—Penalty demurrage charges under Service Order No. 369 are continued by the Interstate Commerce Commission to Sept. 15, 1946. On a box car not loaded or unloaded within the free time the charge is \$2.20 per car per day or a fraction thereof for the first two (2) days; \$5.50 for the third day; \$11.00 for the fourth day, and \$16.50 for each succeeding day.

BUFFALO, N. Y.—With less than 10,000,000 bushels of grain in storage, Buffalo's commercial elevator owners face the prospect of opening the 1946 lake season with empty bins, and marine interests declared that opening shipments of grain will be the poorest in years. Most of the grain held here in winter storage has moved right on through the port to export destinations. Of the 60-odd boats which wintered here, only four remain and these hold domestic grain. There is no export grain of any consequence on the horizon.—G. E. T.

DR. J. H. PARMELEE, of Washington, D. C., director, Bureau of Railway Economics, Ass'n of American Railroads, told the combined rail-labor arbitration boards Mar. 7 that freight rates would have to be increased about 37 per cent if rail unions succeed in superimposing their demands upon the increased wage and material costs already experienced. Pay increases granted in 1941 and 1943, if calculated on the basis of the number of service hours performed in 1941, Dr. Parmelee said, would increase the carriers' annual wage bill \$576,000,000. In addition, employees were granted vacations which cost the railroads \$50,000,000 a year. "The employees now press for an increase in wage rates which would cost the carriers another \$920,000,000, on the basis of 1941 service hours."

Annual Meeting Colorado Dealers

(Continued from page 180)

being redefined may impose disastrous liability on country elevator operators; it is hereby RESOLVED to reaffirm our already expressed stand and request our senators and representatives to support this bill and insure its passage.

HARRY LAGUE, chairman of the Legislative Committee, presented the following report:

Report of Legislative Committee

This committee in anticipation of the next session of the legislature which will convene before we are again met in annual session, reports consideration and study of the following matters of concern to us:

State Agricultural Department Reorganization Bill

We recognize the very excellent work being accomplished by the administrators of the present agricultural departments of our state setup but are of the opinion there are weaknesses that should be strengthened and some changes made. To assist us in our further studies, the secretary is asked to obtain copies of the California and Idaho Agricultural Department statutes so that we might include the better features of their laws in any reorganization bill which we might deem it wise to offer to the next session of the legislature.

State Feed Inspection Law

We propose to study in collaboration with the Director of Markets, the wisdom of amending the law to discontinue the use of inspection stamps or tags and report and remit on a period basis, quarterly or semi-annually as seems best. In a revision of the law we would contemplate methods that would result in the elimination of the double-inspection costs which results now when an inspection paid ingredient is incorporated in a feed on which further inspection fees are paid. We would also have the legislature clearly define under what conditions the inspection fee is applicable and if possible portect mixers from being shipped unguaranteed ingredients.

We renew our recommendation that regional meetings be held to acquaint the public with the provisions of any contemplated legislation affecting our industry.

We call upon the members and the friends of this association to acquaint your committee with any contemplated legislation you hear of that will any way affect us and to offer your suggestions and recommendations at any time.

NOMINATING committee, by Ralph Farr, chairman, presented the following report, which was adopted:

For a three year term we nominate the following directors: H. C. Harrison, Snell Grain Co., Arriba; George Irelan, Yuma Farmers Co-op., Yuma; Ralph Farr, The Farr Co., Greeley; Dell Gerdum, Colorado Milling & Elevator Co., Denver, and John Conley, Conley-Ross Grain Co., Denver.

Other directors are: Chas. Deaver, Sidney, Neb.; Vincent Kerwin (pres.), Pueblo; L. L. Yowell, Holyoke; Lloyd Case, Fort Collins; W. B. Johnson, Longmont; Henry Lague, Monte Vista; Lloyd Rieck, LaJunta; Alfred E. Owens, Colorado Springs; L. W. Hiser, Durango; Arthur Ravel, Albuquerque, N. M.

Vincent Kerwin, McClellan Mercantile Co., Pueblo, was again chosen pres. at a meeting of the board of directors. Ralph Farr, Greeley, was chosen vice president, and Lloyd Case was renamed secy-treas.

Service Order No. 458

Service order No. 458 of the Interstate Commerce Commission that went into effect March 5 will expire June 5. Among its provisions are:

(1) Except as provided in paragraph (b) (2) herein each common carrier shall give priority over all other car orders to filling orders for empty cars for grain loading to the extent of the daily loading ability of the shipper or consignee at a country elevator, provided the shipper or consignee thereof certifies on the car order that such car is to be loaded with grain for a terminal market, and such notation shall be shown on the bill of lading and waybill.

(2) In the event a carrier has an order for a car accorded priority under this Service Order and an order for a car under Service Order No. 454 orders accorded preference under Service Order No. 454 shall be preferred over orders accorded priority under this order.

(c) Except as provided in paragraph (d) (2) (ii), no common carrier shall execute, or allow or permit to be executed, any order of reconsignment or diversion or permit rebilling or re-shipping of grain shipped pursuant to this order.

W.F.O. No. 144 of Mar. 8

(Continued from page 176)

covered by approved supply certificates as provided in paragraph (k) hereof, in the order in which received.

(p) Prohibited Deliveries of Wheat Mill Feeds and Flour

No miller shall sell or deliver wheat mill feeds to any person except feeders and persons regularly engaged in the business of manufacturing or distributing feed, nor flour to any person except for home consumption by the recipient thereof or to a person regularly engaged in the business of distributing flour or processing it into other products.

(q) Transfers Between Branches or Departments

The transfer of wheat or flour between units, departments, branches, plants or companies owned, controlled, or directed by the same person but engaged in separate activities as merchandisers, country shippers, millers, distributors, food manufacturers, or mixed feed manufacturers, shall constitute delivery and acceptance of delivery within the meaning of this order.

(r) Records and Reports

(2) Every mixed feed manufacturer shall, on or before February 28, 1946, mail a report to the Director showing the monthly average quantity of wheat used by him in the manufacture of mixed feed, including grain base mixes, during the period December 1, 1945, to January 31, 1946.

(3) Every miller, mixed feed manufacturer, and food manufacturer shall, on or before February 28, 1946, mail a report to the Director showing the following as of February 18, 1946: (i) Wheat on hand on the premises (mill or mill elevator), (ii) wheat stored at other places, (iii) wheat under contract to purchase, (iv) wheat in transit, and (v) May futures contracts for wheat.

(s) Existing Contracts

The restrictions of this order shall be observed without regard to existing contracts or any rights accrued or payments made thereunder.

(u) Petition for Relief from Hardship

Any person affected by this order who considers that compliance herewith would work an exceptional or unreasonable hardship on him may file a petition for relief with the Order Administrator. Petitions shall be in writing and shall set forth all pertinent facts and the nature of the relief sought. The Order Administrator may take any action with reference to such petition which is consistent with the authority delegated to him by the Assistant Administrator. If the petitioner is dissatisfied with the action taken by the Order Administrator, he may, by request addressed to the Order Administrator, obtain a review of such action by the Assistant Administrator. After said review, the Assistant Administrator may take such action as he deems appropriate, which action shall be final.

(v) Violations

Any person who violates any provision of this order may, in accordance with the applicable procedure, be prohibited from receiving, delivering, or using wheat and flour. Any person who willfully violates any provision of this order is guilty of a crime and may be prosecuted under any and all applicable laws. Civil action may also be instituted to enforce any liability or duty created by, or to enjoin any violation of, any provision of this order.

Panel at Dinner Meeting of N-W Feed Mfrs.

The Northwest Feed Manufacturers Ass'n held a dinner meeting the evening of Feb. 25 in the Gold Room of the Radisson Hotel at Minneapolis, Minn., featuring a panel composed of George Smith, R. M. Hersey, Fred Thomas, Henry Kuehn and Harvey E. Yantis, with Pres. Walter S. Kiesner acting as quizmaster.

Mr. Smith said the practice of exchanging cottonseed for meal, which has been customary in the South for many years, has spread to the more northern soybean and flaxseed producing areas. Oilseed processors find themselves in the position of being forced to trade meal back to the seed sellers in order to get the seed to crush. Such exchanges have spread into other commodities until a vicious circle of bartering and swapping has developed in virtually every feed commodity. WFO No. 9, the protein order, so far has not lessened the bartering practice.

Mr. Kuehn said from 35 to 40 per cent less millfeed will result from the 80 per cent flour extraction, with the reduction most pronounced in the heavier types of millfeed.

Field Seeds

DODGE, NEB.—Oswald Peters is continuing his seed corn business, having sold his portable grinding business.

WASHINGTON, D. C.—Suspension of ceiling prices on timothy seed was continued indefinitely Mar. 15 by the O.P.A.

STUTTGART, ARK.—The Jacob Hartz Seed Co. has installed a Rice dodder mill, Forsberg huller and clipper cleaner.

MINNEAPOLIS, MINN.—Northrup, King & Co. will move a warehouse to a new foundation for which contract has been let at \$3,800.

MILWAUKEE, WIS.—C. Q. Dunlap, general manager, has been elected pres. of the Courteen Seed Co., to succeed S. G. Courteen, deceased.

SEATTLE, WASH.—Jack Steele has taken charge of the Seattle branch of the North Coast Seed Co. He was formerly with the Chas. H. Lilly Co.

SAN DIEGO, CAL.—The annual meeting of the Pacific States Seedsmen Ass'n will be held June 6 to 9 at the Coronado Hotel, Coronado Beach, across the bay.

SHAWNEE, OKLA.—F. D. Keller, of the Keller Seed Store, has announced that a new seed storage warehouse will be built on a 50x140 site recently purchased.—E. W. F.

ALFALFA seed verified as to origin during the 8 months since July 1 amounted to 30,166,000 lbs., against 21,419,000 lbs. during the like period of 1944-45, as reported by the U.S.D.A.

OMAHA, NEB.—The Western Seedsmen Ass'n will hold a meeting Mar. 22 and 23 in the Fontanelle Hotel. A cocktail party Saturday will be followed by a banquet in the evening.

WATERLOO, IA.—L. G. Balensiefer, owner of the Balensiefer Feed & Seed Co., was killed Feb. 23 by the accidental discharge of his .45 caliber automatic pistol when shooting at a target.

STUART, NEB.—More than 50 dealers and their wives were present at a dinner given to its dealers by the J. C. Robinson Seed Co., of Waterloo, recently, at the Legion Hall. Dinner was served by the Methodist Ladies.

NEVADA, IA.—A branch seed corn plant is being built here by Crow's Hybrid Corn Co., of Milford, Ill., including a crib 26x100, warehouse 48x150, another warehouse and office 48x150, and elevator of 50,000 bus. capacity. Thirty farmers are growing 1,300 acres of seed for the plant.—A. G. T.

ATHENS, GA.—The Georgia Crop Improvement Ass'n has been organized with 120 active and associate members. Seed certification standards were set up for oats, wheat, barley, rye, cotton, tobacco, soybeans, crimson clover, peanuts, hybrid seed corn and Coastal Bermuda grass. Other crops will be added and standards set up as the program develops.

ELGIN, WASH.—Plans for building a \$50,000 warehouse and cleaning plant for seed peas are announced by Associated Seed Growers, Inc. The work is slated to be completed in time to receive this year's crop. The prefabricated all-steel warehouse is designed to permit unloading of several trucks at the same time. Attached to one end of the building will be the cleaning plant, a metal-covered three-story frame structure to be equipped with new mills, vibrators, treaters and picking facilities.—F. K. H.

WAMEGO, KAN.—One of the greatest rushes to buy seed oats in the history of the grain trade here took place starting early in February and going through the remainder of

this month into March, according to reports from elevator men. Farmers were attempting to beat old man weather to the draw for they well remembered the hazardous weather of former years. Besides the weather, farmers are short of feed and oats will be one way out of the tight feed situation. More oats have been sold for seed at the elevators here than during any previous oat season in the history of the trade. One elevator sold over three carloads. Boone seed oats were the most popular.—G. M. H.

Cadet, a New Beardless Wheat

By T. E. Stoa, agronomist N. D. Agr. Exp. Sta.

The North Dakota Agricultural Experiment Station announces the release of a new variety of wheat named Cadet, intended primarily for distribution at this time in the northern and northwestern counties of the State. Cadet (N.N. 1597) is a beardless selection, bred under the supervision of J. A. Clark of the Division of Cereal Crops and Diseases, U. S. Department of Agriculture. It resulted as a selection from a cross between Merit and Thatcher. Cadet is being released co-operatively by the North Dakota Agricultural Experiment Station and the U. S. Department of Agriculture.

Cadet compares favorably with all other varieties of hard red spring wheat in resistance to stem and leaf rust. It is less resistant to bunt (stinking smut) than Mida, Rival, Pilot, Regent and Renown, but is about the same as Thatcher and Newthatch. This beardless variety grows taller than such other beardless varieties as Thatcher, Regent or Renown but not as tall as Rival or Mida; does not shatter readily, has strong straw and requires a few days longer to ripen, comparing well with Pilot and Marquis in this respect. Because of its lateness Cadet is expected to find its greatest usefulness in the more northern and northwestern sections of the state, where ripening temperatures usually are not so high, and thus later varieties can more often realize their fullest yield. In other sections some of the earlier ripening varieties have yielded as well or better. Many growers prefer a beardless variety so Cadet may find a use also in other sections.

In test weight per bushel Cadet is not high but somewhat similar to Thatcher and Regent. In milling and baking tests Cadet has compared favorably with Thatcher and other wheats of good quality.

Farmers desiring to obtain seed for increasing and observation under their conditions can do so by applying to the Department of Agronomy, Agricultural Experiment Station, State College Station, Fargo, stating the amount desired and, when possible, the source from which they prefer to obtain the seed. The seed now on hand was increased in 1945 by farmers in the northern and northwestern counties co-operating with the North Dakota Experiment Station, and who agreed to share their increase with such other farmers desiring seed as the Experiment Station would direct. Thus the seed now available will come mainly from those farm sources.

Because the supply is still somewhat small, the amount which can be allotted to any one applicant for this year's sowing will be limited

to not exceeding 40 bus. Distribution in 1946 will be under contract, the grower giving the Experiment Station an option on a portion of his increase, for the purpose of aiding other growers to obtain seed in 1947 should they so desire.

Mars Barley Seed Limited

There will not be enough Mars barley seed to meet the heavy demand of Minnesota farmers this year, says R. F. Crim, extension agronomist, University Farm. In most counties all the seed stock for this new variety has already been sold, but a few producers may have seed available.

The introduction of Mars barley has caused a revival in the interest in barley after a few years of partial crop failure. Mars was developed by the University of Minnesota Experiment Station and in 1945 about 2,100 bus. of seed was distributed to 250 Minnesota seed producers. Reports indicate that these producers had 56,000 bushels available for distribution in 1946, much too little to meet demands.

One of the outstanding features of Mars is its good standing ability. Mars has shown resistance to stem rust but not to scab, loose smut and leaf rust. Last year many individual growers reported yields of 65 bushels per acre but the over-all average is estimated at 40 bushels per acre. Indications are that Mars is not suitable for malting because of low diastase content.

Disclaimer Clause of Seeds

Since the fall of 1942 a number of warnings have been sent to seedsmen by the Department of Agriculture regarding the use of disclaimer or non-warranty clauses which include such terms as "We give no warranty, express or implied, as to the description or quality of any seeds" or "Purity and Germination tests are mentioned for guidance only without guaranty." The use of a disclaimer or non-warranty clause containing such statements appears to be in violation of the Federal Seed Act in that the statements qualify and modify the information which is required under Title II of the act to be positively stated in the label or labeling.

In June 1942 the American Seed Trade Ass'n proposed and this Department approved a disclaimer clause which reads as follows:

"We give no warranty, express or implied, as to the productiveness of any seeds we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed."

It is believed that seedsmen have had ample opportunity to change the wording of objectionable disclaimer clauses; and it is expected that henceforth, when non-warranty or disclaimer clauses are used, the wording will be in harmony with that approved by the Department.

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Fodder Seeds, Sudan Grass, Soy Beans, Cow Peas

New Canadian Wheat Varieties

New wheat varieties are scheduled to make their appearance in the near future. Rescue, a new variety of saw-fly resistant wheat, has been recommended for licensing and distribution at a joint conference of cereal chemists, plant breeders and plant pathologists held recently in Winnipeg. The following is extracted from an official release of the conference.

"The joint conference also recommended for licensing a new variety called Redman, produced at the Dominion Laboratory of Cereal Breeding at Winnipeg by Drs. C. H. Goulden and R. F. Peterson. This variety has excellent milling and baking properties and will be eligible for top grades. It outyields Thatcher and Regent in Manitoba and eastern Saskatchewan, and for that reason and because of its resistance to stem and leaf rusts it will prove valuable in these areas.

"Durum wheat varieties were also considered and here again one more variety was recommended for licensing and for top grades. This is Stewart, which was produced at the North Dakota Agricultural Station. It has excellent agronomic and macaroni-making properties and is well adapted to a large area in Saskatchewan where it may well replace Pelissier, which has poor quality and will be made ineligible for top grades of durum wheat on Aug. 1, 1946.

"The breeding of earlier maturing wheats for northern districts was discussed and it was pointed out that the northward spread of wheat production in Canada reduced the average protein content and baking strength of the Western wheat crop. This tendency is increased whenever an earlier maturing wheat is distributed. Since Canadian wheat commands a premium on world markets mainly because of its high protein content and baking strength, any reduction in these qualities has serious implications. It was contended that the most logical method of controlling this situation involved the introduction of protein content as a factor in grading wheat. Studies of all available data made during the past year indicate that it is feasible to set protein limits for No. 1 Manitoba Northern. As this grade has contained an average of 37 per cent of the Western crop during the past 15 years, and because this grade is the standard bearer for the quality of Canadian wheat on world markets, the setting up of protein limits for it would represent a substantial step towards effective protein grading and the safeguarding of the reputation of our wheat. Realizing the difficulties involved and the time that may be required to develop details of practical methods, the conference felt that immediate steps should be taken to study this proposal."

Seed Movement in February

Receipts and shipments of seed at the various markets during February, compared with February, 1945, in bushels, except where otherwise indicated, were:

	FLAXSEED		Shipments	
	1946	1945	1946	1945
Chicago	93,000	9,000	8,000	.....
Duluth-Superior	40,370	40	.....	13,260
Milwaukee	1,500	.....	4,500	.....
Minneapolis	322,500	69,000	247,500	67,000
Portland	3,035	22,960	.....	.....
Superior	24,424	43	124,278	22,841
SORGHUMS				
Fort Worth	215,600	702,800	246,400	484,400
Hutchinson	102,200	619,800	.....	.....
Indianapolis	.....	35,200	.....	140,800
Kansas City	187,250	2,052,750	545,000	2,171,750
Omaha	12,800	81,600	11,200	6,400
Portland	1,682	.....	.....	.....
St. Joseph	28,480	297,250	3,560	283,020
Wichita	38,500	84,800	33,250	83,200
CLOVER				
Chicago, lbs.	1,248,000	736,000	423,000	301,000
Milwaukee, lbs.	50,455	163,140	839,425	552,150
TIMOTHY				
Chicago, lbs.	581,000	4,836,000	.....	1,042,000
Milwaukee, lbs.	151,270	45,055	393,540	259,810
CANE SEED				
Ft. Worth	7,700	31,900	13,200	7,700
Hutchinson	.....	7,800	.....	.....
Kansas City	4,200	4,200	.....	.....
Wichita	1,600	.....	1,600	.....

Recommended Grain Varieties for Minnesota

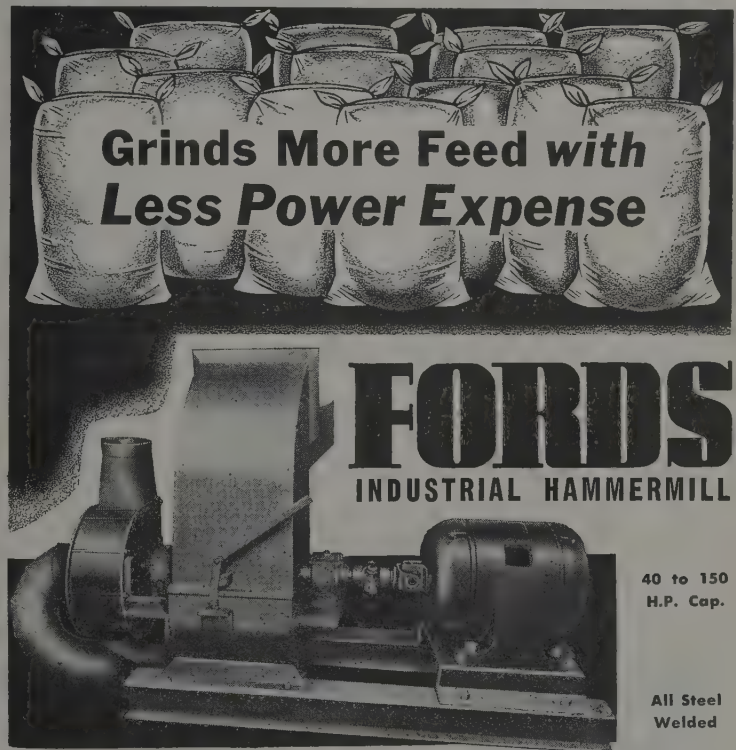
New varieties have been added to the accepted list of small grains prepared by the Minnesota Agricultural Experiment station, announced H. K. Hayes, chief of the agronomy division at U. Farm. Clinton oats have been recommended for the entire state besides the old accepted varieties, Tama and Vicland.

Two new varieties, Bondo and Minto, are being distributed to approved seed growers. Kinred or "L" joins Wisconsin 38, Mars and Peatland on the accepted barley list. Rosen has been taken off the rye list while Emerald, Imperial, and Dakold remain. Recommendations for wheat were not changed, Hayes says. Rival is suggested for southern and northeastern Minnesota, and Mida and Newthatch for the west central and northwestern part of the state. Pilot also is recommended for lighter soils and Regent for heavier soils in northwestern Minnesota.

Two New Corn Hybrids

Two new yellow corn hybrids, K1583 and K1585, and one new white hybrid, K2234, developed in co-operation with the Kansas Agricultural Experiment Station, are becoming firmly established in commercial production in that state. These hybrids are later than most of those of the corn belt, and for that reason fit into a region that previously has lacked suitable hybrids of proper maturity. They have been tested in Kansas for the past 4 years and have excellent performance records for yield and for resistance to lodging. Preliminary tests indicate that they will be well adapted to growing in certain sections of Missouri and other states to the east.—U.S.D.A.

COOK, MINN.—Palmer E. Gunderson will become manager of the Arrowhead Seed Growers Co-operative June 1, after 4 years in the Army. Cleaner, dodder mill and hammer mill have been installed in the plant built in 1945, with 19,000 bus. storage capacity.



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Problems in Marketing Grass Seed

By CHAS. B. MILLS before Ohio Seed Dealers Ass'n

Problems in marketing grass seed seem to me to arise from three sources:

First—Regulations imposed by the states and the federal government about which I have already hinted.

Second—Customs of the trade in adopting names which tend to create confusion.

Third—Getting uniform tests.

State regulations are familiar to all of us. We talk about how difficult it must be for European countries to transact business when they all set up certain trade barriers. We haven't been too backward in this country in setting up the very same obstacles between states.

LABELING—Minnesota charges for seed labels required for that state, so does Indiana, and it is necessary to use one kind of tag for separate varieties and another for mixtures. Ohio, West Virginia, Missouri, Wisconsin and Kentucky have license regulations. If the rest do not have, just give them time. This matter of marking packages to conform to a multitude of regulations is a great slowing down process in business routine. If the public is actually benefited by it, we are very happy. If they are not, we are going to a lot of trouble for nothing. Seed laws, of course, have been a good thing. The danger is in making their application overly complicated and in having state laws out of conformity with each other and with the Federal Seed Act.

DUPLICATE NAMES—The other problem I mention pertains to us in the trade. We have been too gullible in taking up with names. Take the Bents as a glaring example. Before the other war, and for a few years after, many of us were handling South German Mixed Bent. A few years previous it had been called Creeping Bent but upon discovery that the seed was actually a mixture of three different strains, one a duplicate of our Rhode Island Bent, the other two in lesser percentages, Velvet Bent and Creeping Bent, hence the term South German Mixed Bent was adopted.

During the war and following it, Oregon began to raise Bent. They kept the strains pure but not the names. The state of Rhode Island

enlarged her acreage, so did Canada and so did New Zealand. Soon we had Rhode Island Bent, Prince Edward Island Bent, Astoria Bent, Seaside Bent, Colonial Bent, New Zealand Brown-top, Highland Bent and Velvet Bent, and some insisted on saying Washington Bent even though the term applies specifically to stolons.

Here is where the confusion comes in. Someone will send out an inquiry for one specific Bent. There may be three other kinds just like it but they won't do. Some seedsmen may end the season with a surplus of Colonial Bent altho Astoria is gone and in great demand. Just the reverse may be true. In a turf plot we defy anyone to distinguish between Rhode Island, Colonial, Astoria and Prince Edward Island except as one may contain certain distinguishing weeds. For all practical purposes Highland is the same thing and so is Browntop. We have come to magnify the difference between names, while the turf itself continues to be almost identical. I didn't write down the Latin names for all of these different Bents for that would simply add to the confusion.

In the Fescues some people have been led to believe that New Zealand Chewings and Oregon Chewings are different strains rather than merely different origins. I don't know the answer except that seedsmen themselves must thru their association work out a simplification of strain names and if possible break down these barriers which are just as irritating as the others to which I referred. At times it is almost as if we didn't speak the same language.

TESTS—Another problem in marketing grass seed is—tests. Purity variations are bad enough, especially in the matter of weed content,—germinations are worse. I know one of the reasons primarily given by laboratories is that samples do not actually represent the various lots of seed. That may be true but we have sent parts of identical samples to different laboratories and obtained reports with a wide variance, so wide in fact that retests were necessary. By the time you retest such varieties as Kentucky Bluegrass and Chewings Fescue two or three times, the selling season is over.

I recall one case this past year where parts

of the same sample of Redtop showed a weed content of .11, .36, and .85. The low weed test qualified it for a specific use. Both the others made it unusable. Naturally one likes to think that the low test is correct, but it isn't safe to go on that assumption. We could only take the average, reclean the seed, add 10 per cent or more to its cost, get no compensation from the shipper because he had one of those low weed tests, and hope all the while that we had not been foolish.

The greatest variations, we are compelled to say, are in state laboratory tests. The two commercial seed laboratories in Toledo for example have returned to us tests which seemed almost unbelievably alike. Our experience with Iowa tests this past year has been most unsatisfactory, yet Iowa is considered official for the seed trade.

These test variations, necessary as they may be, present a terrific problem. Explanations as to why they occur do not remove our necessity for compliance. First, it takes a long time to get them. Retests add to the dilemma. In some instances sales must be made if at all on the strength of the approving tests of a single laboratory. We are beginning to believe that the seedsmen are foolish to agree to such requirements. The time required to get tests, the lack of uniformity in them, and the limited time they are good is a threefold problem for which I am not certain there is a satisfactory solution.

Nebraska Soybean Yield Contest

By J. C. SWINBANK, Field Secretary.

Farmers who participated in the Nebraska 5 acre soybean yield contest for 1945 were recently honored at a special meeting in Fremont. William Mossey, Jr., of Hartington was announced the contest winner. He produced 39.7 bushels of No. 1 soybeans per acre on his Cedar County farm and won out over 118 growers entered in the contest.

Second and third places went respectively to Albert Bierman, Dakota City, with a production of 38.3 bus. per acre and Rolyn Kammerer, North Bend, with 35.9 bus. per acre. Fourth to tenth place winners in order were: J. H. Kitzelman, Sterling; Ralph George, South Sioux City; Jack Orr, Dakota City; James Wirha, Cedar Bluffs; George Bean, Dakota City; M. G. Leamer, Dakota City; and Harry Hansen, Waterbury.

A summary of contest records by J. C. Swinbank showed that the 118 growers entered in the contest represented 9 per cent of the total soybean producers in the state. Nearly 6 per cent of the state's soybeans production came from the contest fields. Contest areas averaged 10.7 acres in size. In spite of unfavorable spring weather and the later planting which resulted, the 10 prize winners averaged 35.4 bus. per acre. The average yield for all contestants was 24.1 bus. per acre.

At a noon luncheon provided for the contestants by the Fremont Chamber of Commerce, Dr. William Hale, research consultant for the Dow Chemical Co., predicted big things for chemistry. "The field of plastics made from products has barely been scratched. This field of chemistry is so fantastic the average person can't appreciate its possibilities," he said. He predicted alcohol fuel from farm crops will be produced for 12 to 15 cents per gallon, that buildings will be made of nylon and that a nylon tire will soon be developed which will end tire troubles.

J. C. Hackelman, Extension Agronomist, University of Illinois, spoke about soybean production methods in Illinois and emphasized that for best success soybean growers should be sure they use certified seed of the varieties adapted for their area. He also warned that soybeans planted on ground with too much slope would



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Seed Corn Drying, Cleaning, Grading and Sacking Plant of Hagie's Hybrids, Inc., at Clarion, Ia.

cause serious erosion problems if not properly handled.

Walter Fitts, Extension Agronomist, Nebraska College of Agriculture, discussed the use of commercial fertilizer and crop rotations. He predicted a wider use of commercial fertilizer in Nebraska but stated that the best way to keep up soil fertility is through the use of legumes such as alfalfa and red and sweet clover.

Contestants found that better yields were secured by relatively early planting and, the use of certified seed which was inoculated before planting. The most popular rate of planting ranged from 45 to 60 pounds per acre.

The Fremont meeting marked the close of Nebraska's second 5 acre soybean yield contest. It was directed by the Nebraska Grain Improvement Ass'n with the Omaha and Fremont Chamber of Commerce, and the Agricultural Extension service of the University of Nebraska co-operating. The Allied Mills, and Dannen Mills, Gooch Mill & Elevator Co. and Fremont Cake and Meal Co. contributed the contest awards.

An Up-to-Date Seed Corn Plant

Replacing the plant destroyed by fire the modern structure shown in the engraving is the new home of Hagie's Hybrids, Inc., at Clarion, Ia., recently chartered with \$50,000 capital stock and R. W. Hagie as pres.

The front one story part of the building is the offices. A long story and a half section to the left is ear corn drying space for sacked corn storage warehousing, as the corn is graded.

The main building is composed of four bins, which are 16' in diameter, 26' high, and having a capacity of 4,500 bus. each. One of these is subdivided into four bins. These bins are spaced so that there is a 14' driveway thru the building, in which a scale is placed and elevator leg is installed to elevate to the various shelled corn storage bins and grading equipment.

Sorting and cleaning equipment is on the second floor and grading equipment is located at various levels between the bins at right.

The building is approximately 112' long, 60' wide, and 44' at the highest point. It is constructed of clay tile and framework is of steel with bar joist and concrete deck with pitch and gravel roof throughout.

THE American Oil Chemists Society will hold its 37th annual meeting May 15, 16 and 17 at the Roosevelt Hotel, New Orleans, La. Vice pres. S. O. Sorensen of the Archer, Daniels, Midland Co., Minneapolis, Minn., is slated to be elected pres.

SPRINGFIELD, O.—Col. Jos. C. Shouvlín, formerly in charge of the Cincinnati ordnance district, which handled \$1,600,000,000 of war munitions, has been elected pres. of Bauer Bros. Co., which company had produced more than 8,000,000 105 m.m. shells, and now has continued its peace-time construction of machinery for grain, seed and nut processing.

Supply Trade

NEW CONSTRUCTION of all types was valued at 547 million dollars in February, an increase of 7 per cent over January and of 90 per cent over February 1945.

USERS of linseed oil are limited to a four-month inventory under Amendment 3 to WFO 124, announced by the United States Department of Agriculture, effective Feb. 26.

WASHINGTON, D. C.—The O.P.A. Mar. 15 authorized an immediate increase of 75 cents a ton in price ceilings for pig iron, to compensate producers for increased production costs, including those resulting from the wage increase recently granted by the government.

LEASIDE, ONT.—John H. Soars, with offices here, will represent Sprout, Waldron & Co., of Muncy, Pa., in Ontario and Quebec. For 12 years he was in charge of the roll grinding department at Muncy. For 5 years he was general superintendent of the S. Howes Co.; and for 6 years was associated with Wm. & J. G. Greey as sales engineer.

CHICAGO, ILL.—Seedburo Equipment Co. is again prepared to repair Tag-Heppenstall Moisture Meters. Seedburo has for 34 years studied moisture questions, and is known as the "center of information" about moisture analysis. During the war, conditions caused Seedburo to curtail its regular repair service on Tag-Heppenstall Moisture Meters. However, now that parts and help are more readily available, Seedburo is once again in a position to take care of repairs on all Tag-Heppenstall Moisture Meters.

BROOKLYN, N. Y.—The Sterling Bag Co., of this city, has been acquired by the Central Bag & Burlap Co., of Chicago, Ill.

MONTELLO, WIS.—Lyle H. Hill has been appointed director of sales and advertising for the newly organized Montello Granite Products Co., which will begin the manufacture of poultry grit Apr. 1. H. B. Scott is pres., J. L. Dane, vice pres. in charge of plant operation, and E. J. Crawford, sec'y-treas.

WASHINGTON, D. C.—Immediate removal of price controls on machinery and industrial equipment was urged Mar. 12 on the House banking committee by Wm. J. Kelly of Chicago, pres. of the Machinery and Allied Products Institute. Operation of O.P.A. in the capital goods field defeats the more abundant production of consumer goods, he said.

BEDFORD, VA.—The Re-Bo Mfg. Co., of New York, N. Y., has removed its manufacturing plant from Knoxville, Tenn., to Bedford, Va., where it has purchased a modernly equipped factory with 83,000 sq. ft. of floor space and ample railroad sidings, for making floor trucks, skid platforms, wood pallets and material handling equipment. The enlarged facilities permit the manufacture of 5 to 8 carloads of pallets per week.

CLEVELAND, O.—Charges of price fixing in violation of the anti-trust act are made by the federal grand jury in an indictment of the following makers of ball bearings: General Motors Corp., Detroit, Mich.; SKF Industries, Inc., Philadelphia; Marlin-Rockwell Corp., Jamestown, N. Y.; Fafnir Bearing Co., New Britain, Conn.; Federal Bearings Co., Inc., Poughkeepsie, N. Y.; Norma-Hoffman Bearings Corp., Stamford, Conn.

WASHINGTON, D. C.—Edward C. Crafts, chief of the forestry service's division of forest economics, said the problem of short lumber supplies likely "is going to be one of long duration." He told a senate agriculture subcommittee the forestry service estimates that annual production of lumber will not exceed 33 billion board feet in any year in the next decade. It expects demand will climb to 40 billion feet in about three years.

FORT WORTH, TEX.—Small grain elevators for local handling of milo maize are now being standardized, figured and sold as a "package" by the Well Machinery & Supply Co. Installation of these small grain elevators calls for the erection of an elevator leg with a flexible loading spout and a power unit for its operation. A standard 30-foot leg with a capacity of 1,800 to 2,500 bus. an hour makes an efficient, profitable unit for almost any practical requirement, company official said. Numerous west Texas operators have been supplied with these units already by the Fort Worth company.—H. N.

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Feedstuffs

WASHINGTON, D. C.—The O.P.A. Mar. 15 continued indefinitely the suspension of ceilings on mineral mixed feed.

TRENTON, N. J.—The critical feed shortage led to a call for a meeting of feed manufacturers of New Jersey at Trenton, Feb. 12, by Dean W. H. Martin of the State College of Agriculture.

WASHINGTON, D. C.—Wheat germ, used in feed, which was taken off price control Dec. 10 will be put back by an order of the O.P.A. effective Mar. 19. Prices have advanced \$30 a ton because of the shortage of feeds. Wheat germ used for breakfast food is exempt.

LAURINBURG, N. C.—Roy McLaurin of the Laurinburg Milling Co. is sec'y of the North Carolina Feed Mfrs. Ass'n. At a recent meeting Tom Cameron of Raeford was elected pres., Oscar Chandler of Burlington vice-pres., and W. C. Crawford of Goldsboro, J. D. Earle, Jr., of Asheville, and J. W. Maxwell of Piedmont, directors.

CHICAGO, ILL.—Patrick M. Waters, recently placed on inactive duty as a lieutenant with the Naval Reserve, has been appointed advertising and sales promotion manager for General Mills' Central Division feed department. Waters will be located at General Mills' Central Division headquarters office in the La Salle Street building in Chicago.

LINCOLN, NEB.—Federal-State hay inspection certificates for hay shipped out of Nebraska is made possible by a revision of the Nebraska law at the last session of the legislature and a new agreement was made with the Production and Marketing Administration of the U.S.D.A. "If there is not more demand for the service it probably will not be provided much longer," writes L. M. Gates, state entomologist.

MORE than 527,000,000 pounds of high-vitamin livestock and poultry feed concentrates were recovered and processed by Schenley Distillers' Corporation and subsidiaries as a by-product of alcohol manufactured for synthetic rubber and other war purposes between Pearl Harbor and V-J Day. Feed output of the company's plants ultimately reached 18,000,000 pounds per month and represented return to farm areas of up to one-third by volume of all grains used for distilling.

ATLANTA, GA.—The Georgia Feed Ass'n at a meeting recently adopted a resolution that the Office of Price Administration should either remove price controls on grains and feed ingredients or should establish measures to prevent the growth of black markets. Also—"We suggest," the resolution continued, "that the OPA modify its mark-ups or other provisions on retail sales to feeders by producers and country shippers, to prevent mark-ups which favor one particular type of distribution and distort the normal flow of commodities."

"IT WOULD seem that such frustration, discouragement, and financial ruin to this considerable percentage of our livestock and poultry producers would, in itself, be sufficient cause to make responsible government agencies recognize the great need in establishing production regulations, to base same on aforesaid knowledge obtained from all areas affected, in order to minimize the great confusion now prevailing. The loss of confidence in failure to do so is serious and should be allowed to develop only when every effort to prevent it has been exhausted, which it seems has not been the case in the past."—Resolution by California Feed Advisory Committee.

COTTONSEED cake and meal produced during the 7 months prior to Mar. 1 amounted to 1,178,491 tons, against 1,437,410 tons during the like period ending Feb. 28, 1945, as reported by the Bureau of the Census. Stock on hand was 56,001 tons, against 94,272 tons.

WASHINGTON, D. C.—Changes in the feed control order were again the subject of discussion Mar. 15 by trade representatives and the Department of Agriculture. The order is planned to go into effect Apr. 1. County agricultural committees are to be authorized to investigate requests by feeders and to prohibit deliveries to feeders in excess of a certain percentage of the base. Apparently nothing is contemplated to prevent stock raisers having ample feed from using 100 per cent or more of their base period.

Florida Feed Dealers Elect Officers

The Florida Feed Dealers Ass'n held its annual meeting Feb. 19 at the Floridan Hotel, Tampa, Fla.

Officers elected are: Pres., John P. Irwin, of Miami; vice pres., F. L. Craig of Tampa; sec'y, R. D. Jackson, Tampa; and treas., J. C. McCrea, Miami. Directors, R. K. Alexander, Tampa; Joe Blair, L. W. Howard and R. B. Webster, Jacksonville; Herman Fultz and Wilton Adams, Miami; Frank Woods, Fort Lauderdale; John Gray, Ocala, and Mark Munroe, Quincy.

A committee was appointed to meet with PMA officials at Washington to lay before them the problem of the dairymen, poultrymen and cattlemen of Florida.

Pacific Coast Feed Mixers Allowed More Grain

Secretary of Agriculture Clinton P. Anderson has authorized the issuance of the following statement:

The Department of Agriculture recognizes that the Pacific Coast areas will be largely dependent upon wheat as a feed grain until such time as larger supplies of corn and other feed grains can be shipped into those areas. Programs are under consideration which we hope will be effective in making more corn and other feed grains available to the Pacific Coast areas.


However, in order to avoid unreasonable hardships pending the effectuation of such programs, the amount of wheat authorized to be used under Section (b) of War Food Order 144 by each mixed feed manufacturer in the Pacific coast states will be increased in such amount as may be necessary (taking into consideration all other feed grains available to them) to permit a total use of grain in the manufacture of mixed feeds each calendar

month up to 85 percent of the amount of grain so used in the corresponding calendar month of 1945. The states affected are: California, Oregon, Washington, Utah, Idaho and Nevada.



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Brewers' Dried Grains Malt Sprouts
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Feed Crisis Created by Price Control

Speaking before the Farmers Elevator Ass'n of Minnesota, George Smith of Archer-Daniels-Midland, said:

Fundamentally the feed and protein shortage springs from the fact that under present price relationships, feeding operations are extremely profitable and no one can blame the feeders for raising all the livestock they can find feed for.

Under ordinary conditions the supply and demand governing the market, prices on feeds in such circumstances rise rapidly to a point where only efficient feeders could afford to buy and if the feed supply could not possibly be fed, the prices on feed would have to be reduced until a balance is reached.

Under price control, however, with the supply far short of demand there is no such natural break on feeding operations and the result is a situation such as we are now facing.

Rocky Mountain Nutrition Conference

For the Rocky Mountain Feed Manufacturers Conference to be held Mar. 22 and 23 at the Agricultural and Mechanic Arts College, Fort Collins, Colo., the following program has been announced by the Colorado Grain, Milling & Feed Dealers Ass'n:

Registration begins at 9 a. m., Friday; the charge of \$5 includes banquet ticket, and covers expense.

Friday, March 22

Address of Welcome, Roy M. Green, pres. of Colorado A & M College.

"Highlights Poultry Nutrition Research at Colorado A & M," H. S. Wilgus, A. R. Patton, L. W. Charkey.

"Recent Advances in Poultry Feeding," Dr. Lawrence Morris, University of Wyoming.

"Proteins and Amino Acids in Animal Nutrition," H. J. Almquist, Booth Fisheries, San Francisco.

Discussion by foregoing participants and Dr. H. S. Wilgus acting as moderator. Subject: "Poultry Feeding & Management."

"Highlights of Dairy Work at Colorado A & M," H. R. Lascelles.

"Vitamins in Relation to Animal Production," Dr. G. C. Wallis, General Foods, Newark, N. J.

"Relation of Nutrition to Reproduction," Dr. T. S. Sutton, Professor of Animal Husbandry, Ohio State University.

Discussion, Lascelles, Wallis, Sutton, H. A. Sandhouse. Subject: "Dairy Cattle Feeding and Management."

Banquet, Friday Evening

Phil Yonge, Agricultural Agent, D. & R. G. W. R. R., presiding.

Presentation of Certificate of Completion to those completing the Grain Trades Course.

"The Present Feed Situation," Ralph Field, pres., American Feed Manufacturers' Assn., Chicago, Ill.

Saturday Morning, March 23

"Livestock Feeding Experiments at Colorado A & M," W. E. Connell, A. L. Espin and Dr. A. W. Deem of the College staff.

"Feedlot Problems of Cattle and Sheep," E. J. Maynard, Livestock Consultant, Great Western Sugar Co.

"Factors Affecting Nutritional Values of Hay," Professor G. Bohstedt, Department of Animal Husbandry, University of Wisconsin.

Discussion by foregoing speakers.

"Trend in Livestock Production in Colorado and Intermountain Region," R. T. Burdick, College staff.

Feed Movement in February

Receipts and shipments of feed at the various markets during February, compared with February, 1945, in tons, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	5,014	6,240	.....	.....
Chicago	38,201	33,494	29,639	53,934
Kansas City	2,040	2,100	31,890	30,760
Milwaukee	390	180	21,720	17,820
Minneapolis	.....	.....	84,570	63,960
Minneapolis*	1,645	3,185	3,115	4,165
Minneapolis†	.....	.....	29,220,000	17,760,000
Wichita	.....	.....	10,257	9,188

"Highlights of Range Livestock Experiments at Colorado A & M," Sherman Wheeler, E. W. Nelson, E. M. Mervine, of College staff.

"Results of Experiments at Rocky Mountain Forest and Range Experiment Station," Dr. D. F. Costello of that station.

Discussion by the foregoing and Harry Smith, Extension Animal Husbandman. Subject: "Range Nutrition and Management."

All those desiring hotel reservations should write Lloyd Case, sec'y of the Colorado Grain Milling and Feed Dealers Ass'n, P. O. Box 6, Fort Collins, Colo., specifying the dates reservations will be needed.

Pricing Imported Mill Feeds

Chas. F. McIsaac, chief counsel of the feed section of the O.P.A., gives the following interpretations:

Question: X is an importer who sells and delivers wheat mill feeds imported from Argentina. What is the maximum price at which X may sell and deliver such wheat mill feeds in the United States?

Answer: Sec. 1 of RMPR 173 provides that "this revised regulation prescribes maximum prices for every sale of wheat mill feeds whether domestic or imported, for the purpose of determining a maximum price therefore, no distinction shall be made between sales of domestic or imported wheat mill feeds." Therefore, X may sell and deliver such imported wheat mill feeds at the maximum price at which he might lawfully sell and deliver domestic wheat mill feeds under the appropriate provisions of the regulation.

Question: May X purchase wheat mill feeds in Argentina for use by him in the manufacture of mixed feed in the United States at a price in excess of the appropriate maximum price for a sale and delivery to him at his plant, and use such price in calculating his cost for the mixed feed under MPR 585?

Answer: No. Sec. 14 provides that "a person importing wheat mill feeds for use in mixed feed produced by him shall in determining his maximum prices under MPR 378 (now MPR 585) on his mixed feed for animals and poultry calculate his "cost" of any wheat mill feeds so imported and used by him at the maximum price thereof to him as if purchased from a domestic miller in carload quantities with his production plant as the destination."

Question: Same state of facts as in question 2 except that Y who is a broker acts as a finder

of the wheat mill feeds for X. May X pay Y for such service?

Answer: Yes. However, as RMPR 173 does not provide a markup for a broker, X in determining his maximum prices for mixed feed may not include such markup in calculating his "cost" of the wheat mill feeds as provided in Sec. 14.

Question: X is a jobber who imports wheat mill feeds from Argentina. What is the maximum price at which X may sell and deliver such wheat mill feeds in the United States?

Answer: Under Secs. 1 and 9, X may sell such wheat mill feeds at a maximum price of 50 cents per ton over and above the maximum price that a miller could charge for a like sale of a like quantity of domestic wheat mill feeds at a like destination.

Pacific N-W Feeders Hit Hard by Wheat Order

L. S. Jackson, manager of Oregon Feed Dealers Ass'n, which represents nearly 100 per cent of the Oregon's feed mills, states that the Northwest faced a partial liquidation of poultry flocks and dairy herds, as a result of the wheat order, unless the present short supply of substitute grains such as oats, barley or corn could be stepped up greatly. Most of the mills are now rationing feed to retailers and unless they can get additional supplies from the mid-west of the needed grains, we must either seek to have the Pacific Northwest exempted from the order, or be faced with much lower supply of eggs, poultry and milk. Polling of turkey dealers indicated the supply would be down an estimated 50 per cent by fall, as result of feed shortage. Eggs, it was predicted, might be as scarce as butter is now. Laying hens are being sold on the market at present, and chicken hatcheries are reporting cancellation of orders because of sheer inability to feed the flocks.

E. C. WYSS, manager of the feed department of Dairy Co-operative Ass'n, states that unless substitute grains can be obtained for feed, the order will curtail the supply of dairy herds feed by 60 per cent and result in an estimated 40 per cent liquidation of the herds.

The situation is much more serious than most people realize. We have no substitute for wheat in the Northwest, and the midwest is certainly not going to ship us something they need themselves. Liquidation of dairy herds by 40 per cent would reduce the fluid milk supply by the same amount.—F. K. H.



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Current Feed Problems

By FOUNTAIN H. THOMPSON of Feed Division
of P. & M. Administration, before Ohio
Farmers Grain Dealers Ass'n

We raised 22 per cent more turkeys in 1945 than were raised in 1944, and that crop is 46 per cent more than was raised during any pre-war year. We now have the largest stocks of chickens and turkeys in cold storage on record.

Feeding this increased number of birds required a devil of a lot of feed concentrates and probably accounted, more than any other type

of feeding operation, for the heavy disappearance of feeds during the last 6 months.

In order to provide more pork and lard, the support price weight limit of 280 pounds for hogs was removed, and no limits were set for good and choice barrows and gilts. Hogs soon arrived at markets at much heavier weights than they did in 1944. From last July until December, hogs arriving at markets averaged from 40 to 60 pounds heavier than for the same period in 1944. The weights at which hogs are being marketed have dropped back considerably now. Don't forget tho, it required about 25 per cent more feed to put the extra weight on these heavy hogs which were marketed during the last half of 1945.

Another important factor which has caused diminishing supplies of feeds is the dairy feed subsidy program. This program resulted in much heavier feeding of dairy cattle, even during last spring and summer when we had the best pasture conditions this country has ever had. During June, July, and August, it is estimated that 15 per cent more feed concentrates were fed to dairy cattle than were fed during the same period in 1944. It should be pointed out, however, that we urgently needed dairy products, and the increased feeding of dairy cattle did produce milk. We produced over 122 and 1/4 billion pounds of milk in 1945 as compared with the average of about 108 billion pounds for the years 1937 to 41. Moreover, this production was attained with 2 per cent fewer cows than were milked in 1944 when our production reached about 122 billion pounds.

Beef cattle in feeding lots since October have increased in numbers, principally throughout the soft corn areas. We now have many more cattle in feed-lots than we had a year ago; in fact this number may be close to a record. Complete figures are not available for the numbers of cattle shipped to feed-lots at this time. However, shipments to 8 states in the corn belt for November of last year were 7 per cent over November 1944. It is believed that the increase of 7 per cent over 1944 represents fairly well the increase for the last 5 months of 1945 over the corresponding period in 1944.

The rate at which we have been feeding poultry, hogs, beef, and dairy cattle during the last 6 months has drawn heavily on feed concentrate supplies. There is too little we can do to stretch these remaining supplies now. The only solution now is in adjusting livestock and poultry numbers to available supplies of feed concentrates. We must balance livestock and poultry production to available feed supplies or else continue to face shortages, mal-distribution, ridiculous trading schemes, and all of the headaches that attend these conditions. That's the only answer we know of. We must find a balance between livestock numbers and feed supplies.

We think that the terrific increase in chickens and turkeys last year is mainly responsible for the tight feed situation. Moreover, we feel that we must cut down on poultry production or some of us will be seriously hurt. We have proposed to effect a reduction of poultry production thru the provisions of the protein limitation order. We expect to have a difficult time in getting the needed adjustment in poultry production because of certain economic factors that operate in the other direction. In other words, the pursuit of the almighty dollar is difficult to overcome. To illustrate:

SHORTAGES AGGRAVATED BY GOVERNMENT REGULATIONS—1—The egg-feed ratio and the poultry-feed ratio have remained too favorable to promote the adjustment in poultry which are needed.

2—The O.P.A. margins provided for dealers handling poultry feeds as compared with the margins provided for other types of feeds are naturally greater and, of course, most dealers prefer to handle larger volumes of poultry feed.

3—The O.P.A. has provided wider margins of profit for the manufacture of poultry feeds

than for other types of feed and, of course, the tendency to use more protein in making poultry feed than dairy feed is consistent with the pursuit of profit. That is good business. In the case where a feed manufacturer has 1000 tons of protein and he would normally use 600 of it for poultry feed and 400 tons for other types of feed, it seems that now 7 or 800 tons are likely to go into the poultry feed which, of course, means a cutback of other types of feed and discourages the adjustments proposed in poultry production.

4—Another important factor which operates to create this economic force which we have blamed for our present predicament is the support prices which in effect, safeguard poultry producers from substantial losses. The guaranty of at least 90 per cent of the parity price for eggs and chickens forms a rather comfortable shock absorber in the event of unfavorable market conditions for these products.

I think that we would make a great mistake to continue to believe that it is necessary to produce eggs and poultry meat in quantities consistent with war-time requirements. Inasmuch as poultry production during 1945 increased beyond peacetime requirements, and since this production has drained our feed concentrate supplies to the detriment of other livestock production, it seems like sound judgment to expect a considerable reduction in poultry production when we are trying so hard to balance livestock and poultry production with feed supplies. Yet many indications still point to the maintenance of last year's poultry production.

During the month of December, 1945, crushers produced 5 per cent more protein meals than were produced in December 1944, or 25,770 tons more meal, yet the distribution by states is amazing; for instance, in December, 1945, Michigan received 65 per cent of the tonnage shipped to that state in 1944. Minnesota received 193 per cent of the amount received in 1944. Indiana, next to Michigan, 129 per cent, and Ohio 121 per cent.

DISTRIBUTION TO DEFICIT AREAS—For the time being, we believe that a set-aside of 5 per cent will enable us to fill in the gaps and improve distribution to deficit areas within the country. Under the present set-aside program, the Administrator of the order will direct quantities of oilseed meals available from the set-aside stocks to states which show deficiencies. However, it is not contemplated, at the present time, at least, to direct this material to individuals or firms within the states.

In addition to the provisions which are now contained in WFO-9, there will be an amendment which is now on the Secretary's desk for his signature, and which will limit the amount of protein meals any person may accept or offer to receive whether by purchase and sale, trade, barter, gift, loan, exchange, or otherwise, in any quantity which will cause his total receipts of protein meal during the month to exceed his receipts during the corresponding calendar month in 1945. In other words, this provision will limit the amount of protein meals that may be handled and is intended to prevent the unusual trading practices which are going on today.

Another proposed amendment to the limitation order which I mentioned briefly heretofore will limit the amount of wheat millfeeds any person may handle in any quarter to 1/6th of the amount he handled during the corresponding quarter of 1945. Moreover, this amendment will limit the usage of wheat mill feeds in any mixed feed, including poultry feed, in any month to 3/4rds of the quantity of mill feeds used by such person during the corresponding calendar month of 1945.

PRODUCTION of soybeans in Kansas was greatest in Anderson County with 353,570 bus. in 1945. Coffey County came next with 244,850 bus. and Cherokee County third, with 230,690 bus. as reported by the State Board of Agriculture.

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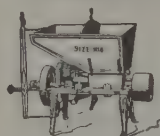
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Sylvester L. Fisher, Cincinnati, O., V.-Pres.
Schenley Distilleries, Inc.

S. L. Fisher Named V. Pres. of Schenley Distilleries

CINCINNATI—Sylvester L. Fisher, manager of the grain buying department of Schenley Distilleries, Inc., since 1936, has been made a vice-president, it is announced by Carl J. Kiefer, president. In addition to grain purchases, Mr. Fisher will continue to have supervision of the development and distribution of feed by-products and operation of the company's animal and poultry laboratory for constant experimental study of nutritive values, processing, etc.

He also directs the activities of the Louisville Coopersage Co., another Schenley Distillers Corporation subsidiary. Prior to joining the Schenley organization he was vice-president of Ballard-Messmore Grain Co., St. Louis. A combat veteran of World War I, he also served under Herbert Hoover in work of the food relief commission in Europe following the war.

Brown Alfalfa Inferior

Excessively heated alfalfa hay is decidedly inferior in nutritive value compared with green alfalfa hay and this impairment in feeding value is proportional to the intensity of brown to black color developed during heating. Normal alfalfa hay was compared in chemical composition and digestibility with brown excessively heated hay from the same source and with black excessively heated chopped hay from a different source. Each hay was fed to 2 dairy cows in conjunction with sorgo silage and grain. The hays constituted 50 percent of the total dry-matter intake.

Heated hay gave increased ash and crude fiber and decreased N-free extract and other extract. This treatment also lowered the apparent digestibility of all nutrients tested except other-extract, which was consistently greater in the heated hays. Average digestibility coefficients for protein were 67 for normal hay, 16 for brown hay and 3 for black hay. For other extract the coefficients were 25, 33 and 42, respectively. The digestible protein and total digestible nutrients were calculated as 14 and 56 for normal hay, 3 and 38 for brown, and 0.6 and 23 for black hay.—Journal of Dairy Science.

Idaho Feed Men Meet on Protein Shortage

Provisions of war food order No. 144 were the subjects heading discussions of the Idaho Feed Dealers & Manufacturers' Ass'n's district No. 1 members in special meeting at Lewiston. Three resolutions requesting relief for this area were drawn and unanimously passed.

Pointing out that in areas where wheat is the main ingredient and corn is almost impossible to get, relief from the order will be necessary.

P. H. Beveridge, Boise, sec'y of the association, led the discussion of the scarcity of protein. Dealers explained that they have been unable to get sufficient supplies of protein feeds and said that corn is unavailable, barley and oat supplies are short.

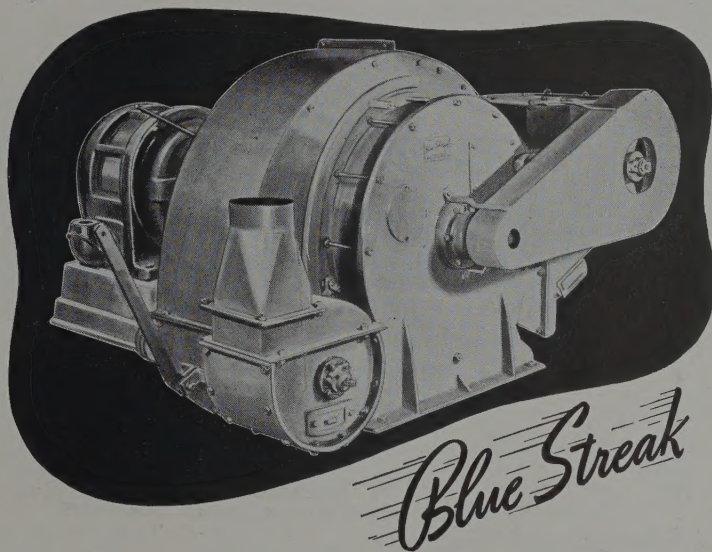
Frank H. LaFrenz, Spokane, specialist on

feed prices from the O.P.A. office, acted in an advisory capacity to assist the discussions.

The resolutions passed were (1) that the secretary contact the assistant administrator to learn if seed wheat is to be included in the order; and, if it is, to ask that wheat for seed purposes be exempt. (2) Request the enforcement of the regulations on feed in Washington, Oregon, Idaho, California and Utah be delayed until the new crop comes on the market. (3) Request that the surplus stocks of peas and poultry in the United States be exported in lieu of so much of the wheat which is so badly needed in the northwest.

R. B. Wright, vice president for the district, who presided at the meeting, advised at the close "it is hoped by the Association that some relief from the stringent restrictions of the order will be obtained."

J. E. Barr was elected to the board of directors for a two year term.—F. K. H.



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Farmers and feeders know the value of the right type of grind and mix. They know that a mealy granular grind—is more easily digested—higher in feeding value. They also know that Blue Streak is the mill that produces the granular grind.

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THE MILL Name Address City State		THAT PRODUCES THE GRANULAR GRIND!	

Poultry Feeds and Feeding

CHICAGO, ILL.—Activities of the Poultry and Egg National Board in promoting the poultry industry are pictorially set forth in a 24-page booklet from the office of general manager Homer I. Huntington.

ATLANTA, GA.—Sulfa drugs for poultry that formerly could be purchased only on a veterinarian prescription from a druggist now are procurable from any dealer direct, under a bill passed by the state legislature. The article must be labeled "For Poultry Only."

EFFECTIVE Mar. 8, U.S.D.A. will begin its purchase program for dressed chickens, except young chickens weighing 3½ pounds or less alive, from co-operative organizations, dealers and processors at prices designed to reflect a U. S. average farm price for live chickens of not less than 90 per cent of parity. Currently this will mean support for live poultry at a U. S. average farm price of 18.3 cents a pound with variation for type, weight and location.

Eggaday Dealers Discuss Feed Shortage

Houston, Texas.—Problems of feeding not only the United States but the world were the topics of discussion at the annual conference of Eggaday dealers of the Uncle Johnny Mills of this area who met here recently. More than 200 dealers attended.

The critical feed shortage and reasons for it were discussed by W. R. Archer, president of Uncle Johnny Mills. Other speakers included J. W. "Uncle Johnny" Vinson, vice-president of the organization; Walter Casey of Beaumont; Verne R. Layne, G. C. Wagstaff, Vernon C. Frederick, Edmund Pincoffs, F. V. Deaderick and G. L. Childress, all Houston businessmen; Mrs. Virginia Hedrick, representing women in the feed business, L. F. Van Stone, vice president in charge of general arrangements, and Herman Engel, manager of the Houston Fat Stock Show and Livestock Exposition—H. N.

Trace Minerals and Vitamins Vital to Chick Growth

The Texas Agricultural Experiment Station has proved that gray shorts and bran from hard winter wheat contain trace minerals and vitamins that are vital to satisfactory growth of chicks. Figure 1 shows chicks which received a ration containing 20 per cent of wheat gray shorts. They have good legs, are well feathered and gained 3/8 of a pound more to ten weeks of age than did the chicks shown in Figure 2 which received no wheat gray shorts.

Recent Findings in Poultry Research

Prepared by the Staff, Division of Poultry Husbandry, University of California

AMINO ACID REQUIREMENTS.—A practical aspect of this work was the demonstration that a certain minimum level of methionine must be present in the diet, and that a combination of high levels of cystine and choline in the diet cannot replace methionine.

When young chicks were fed diets deficient in certain amino acids, a deformity of the tongue of these birds was noted. A small part of the tip was turned back on itself so that the end appeared to have been cut squarely across. This is one of the few specific symptoms which has been observed in amino acid deficiencies.

PROTEIN CONCENTRATES.—Corn gluten meal protein has been found deficient primarily in lysine and tryptophane and, to a lesser degree, in arginine. Cottonseed meal's greatest weakness is in its lysine deficiency, but methionine is also slightly inadequate for good growth. Peanut meal, on the other hand, is primarily deficient in methionine, and less so in lysine; threonine may also be somewhat low. Sunflower seed meal is the most complete vegetable protein that has been studied up to the present time. It needs no supplement for good growth, and in addition, is an excellent source of methionine. In this latter regard, it is similar to sesame meal, but sesame protein is a poor source of lysine, and it must be fed in conjunction with other proteins richer in this amino acid. Work is in progress on some animal protein concentrates such as tankage, meat scraps, dogfish meals, etc.

Methionine analyses of a number of feedstuffs were made in order to evaluate them as supplements to soybean meal, which is slightly deficient in methionine. The best methionine sources were found to be, in decreasing order, sunflower seed meal, sesame meal, fish meal and milk.

VITAMINS.—The heated diet used for testing the pantothenic acid requirements of poult and chicks proved unsatisfactory for poults, altho adequate for chicks. An extracted diet proved satisfactory but required much time to prepare. These difficulties with the test diets prevented a precise determination of the difference in the pantothenic acid requirements of poults and chicks, altho the experiments showed that poults require more pantothenic acid than chicks.

Other experiments have shown that poults require over 10 per cent more riboflavin than chicks. When an otherwise adequate ration which was quite low in riboflavin was fed to

poults, many of them had bent leg bones suggesting perosis. A small increase in riboflavin corrected this condition. None of the poults developed dermatitis (encrusted mouth, etc.) but poults fed a diet low in biotin and riboflavin did have dermatitis, suggesting that this is a result of deficiency in biotin or some vitamin other than riboflavin.

SESAME MEAL.—Tests with sesame meal show that it will not support growth in poults as in chicks when fed as the sole source of protein. When fed at a high level to partially substitute for other protein, growth was slow, mortality high. In combination with soybean meal at levels of 10 and 20 per cent, excellent growth was obtained. The results are in good agreement with those obtained with chicks.

What Is Scratch Feed?

Just what grains should be used in the making of an ideal scratch feed or in what proportions they should be present is a matter of diverse opinion. Shortages of certain cereals, principally corn, and a plentiful supply of wheat have made wheat the preponderant cereal grain in scratch feeds during the past season.

With a view to determining the ingredient content of scratch feeds sold, 19 samples officially collected were divided into their component grains. The results indicate that the samples were on the whole as represented. The following exceptions were noted: one sample contained inferior oats instead of No. 2 oats as declared; two samples which declared buckwheat as an ingredient contained none; oats were found to be present in one sample where none were declared; and sunflower seed declared in another was not present. The scarcity and high price of sunflower seed should make its absence obvious. One sample contained whole Argentine corn instead of the usual cracked corn.

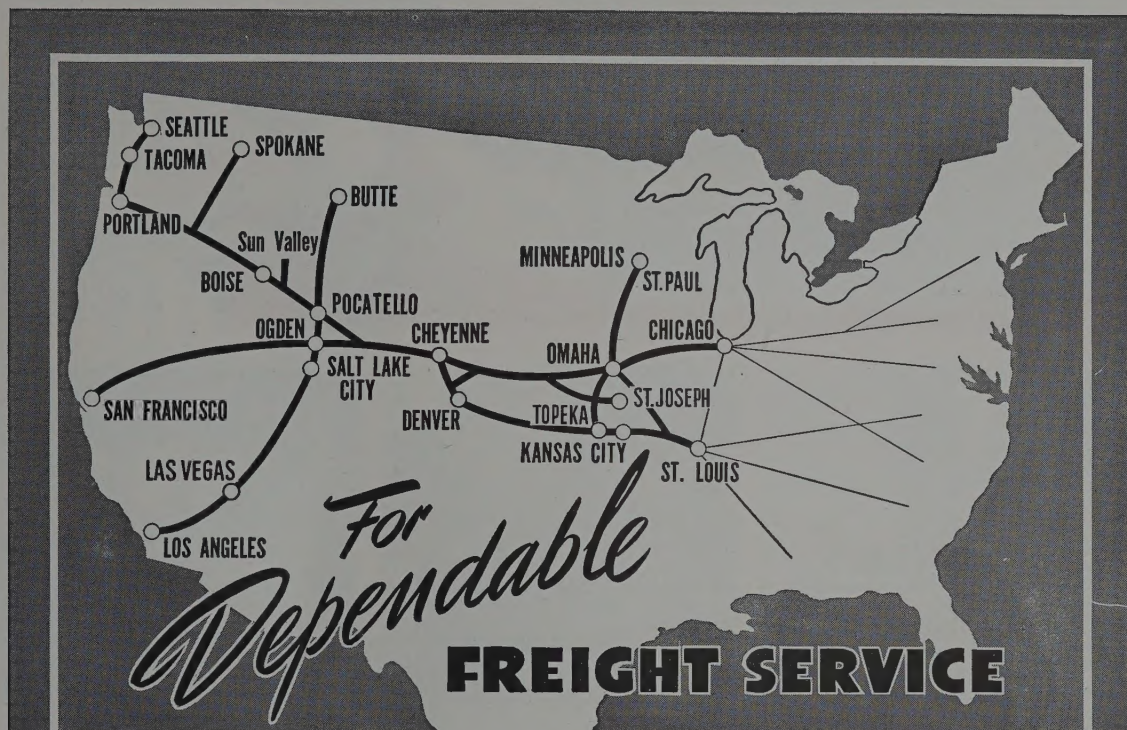
The mixing and sampling of scratch feeds present difficulties not common to finely ground meals. Even with the most careful mixing the seeds of different sizes and shapes tend to segregate. While this is not usually apparent to the eye, it does make considerable difference when an attempt is made to determine accurately the percentage by weight of the grains used in the mixture. Two test mixes made in the laboratory of wheat, cracked corn, and oats gave results probably closer to the true content than could be expected of a commercial mix. The first contained by weight: wheat 60 per cent, cracked corn 10 per cent, oats 30 per cent. Actually recovered was: wheat 59.5 per cent, corn 10.6 per cent, oats 29.9 per cent. Of the second mix consisting of wheat 20 per cent, cracked corn 60 per cent, oats 20 per cent, the recovery was wheat 20.4 per cent, cracked corn 60.4 per cent, oats 19.2 per cent. It is believed that the results obtained for the commercial mixtures are at least approximate if not accurate.—Massachusetts Agricultural Exp. Station.



Fig. 2. No Wheat Gray Shorts Were Fed These



Fig. 1. Wheat Gray Shorts and Bran Made a Difference
Engraving courtesy Texas Agr. Exp. Sta.



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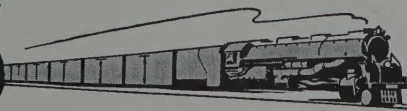
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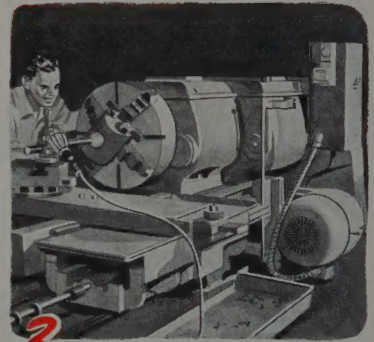
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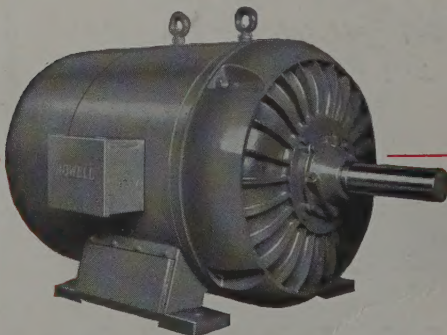
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